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INTRODUCTION

Thank you for choosing the ESAM6900 automatic coffee, cappuccino and hot chocolate machine.
We hope you enjoy using your new appliance.
Take a few minutes to read these instructions.
This will avoid all risks and damage to the appliance.

Symbols used in these instructions

Important warnings are identified by these symbols.
It is vital to respect these warnings.



Danger!
Failure to observe the warning may result in life threatening injury by electric shock.



Important!
Failure to observe the warning could result in injury or damage to the appliance.



Danger of burns!
Failure to observe the warning could result in scalds or burns.



Please note:
This symbol identifies important advice or information for the user.

Letters in brackets

The letters in brackets refer to the legend in the Description of the Appliance on page 3.

Troubleshooting and repairs

In the event of problems, first try and resolve them following the information given in the sections "Displayed messages" on page 22 and "Troubleshooting" on page 24.

If this does not resolve the problem or you require further information, you should consult Customer Services by calling the number given on the annexed "Customer Service" sheet.

If your country is not among those listed on the sheet, call the number given in the guarantee.

If repairs are required, contact De'Longhi Customer Services only.

The addresses are given in the guarantee certificate provided with the machine.

SAFETY

Fundamental safety warnings



Danger!
This is an electrical appliance. Failure to respect the instructions could cause electric shock.

You should therefore respect the following safety warnings:

- Never touch the appliance with damp hands or feet.
- Never touch the plug with damp hands.
- Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary.
- Unplug directly from the plug only.
Never pull the power cable as you could damage it.
- To disconnect the appliance completely, place the main switch at the back of the appliance in the 0 position (fig. 5).
- If the appliance is faulty, do not attempt to repair.
Turn it off, unplug from the mains socket and contact Customer Services.
- If the plug or power cable is damaged, do not use the appliance. Have the plug and/or cable replaced by De'Longhi Customer Services only to avoid all risk.
- The stirrer is equipped with two permanent magnets. Avoid placing stirrer near appliances and objects that can be damaged by magnetism, e.g. credit cards, diskettes and other data devices, video tapes, television and computer monitors with picture tubes, mechanical clocks, hearing aids and loud speakers. Patients with pacemakers or defibrillators: Do not hold capsule holder directly over pacemaker or defibrillator.



Important!
Keep all packaging (plastic bags, polystyrene foam) away from children.



Important!
The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must be supervised to ensure they do not play with the appliance.



Danger: Risk of burns!
This appliance produces hot water and steam may form while it is in operation.

Avoid contact with splashes of water or hot steam.

DESIGNATED USE

This appliance is designed and made to prepare coffee and heat drinks. All other use is considered improper.

This appliance is not suitable for commercial use.

The manufacturer is not liable for damage deriving from improper use of the appliance.

This is a household appliance only.

It is not intended to be used in:

- staff kitchen areas in shops, offices and other working environments;

- farm houses;
- by clients in hotels, motels and other residential type environments;
- bed and breakfast type environments.

INSTRUCTIONS

Read these instructions carefully before using the appliance.

- Failure to respect these instructions may result in burns or damage to the appliance.

The manufacturer is not liable for damage deriving from failure to respect these instructions.

 *Please note:*

Keep these instructions.

If the appliance is passed to other persons, they must also be provided with these instructions.

DESCRIPTION

Description of the appliance

(page 3 - A)

- A1. Funnel and measure compartment cover
- A2. Measure compartment
- A3. Pre-ground coffee funnel
- A4. Cup shelf (cup warmer when Energy Saving is disabled)
- A5. Touch screen (B)
- A6. Hot water and steam nozzle
- A7. Coffee spout (adjustable height)
- A8. Cup tray
- A9. Drip tray
- A10. Drip tray water level indicator
- A11. Service door
- A12. Infuser
- A13. Water tank
- A14. Grounds tray
- A15. Coffee guide
- A16. Grinding adjustment dial
- A17. Beans container lid
- A18. Beans container
- A19. Main switch (on back of machine)
- A20. ON/STANDBY button

Description of touch screen

(page 3 - B)

Only the icons relating to the controls enabled for the particular function currently being used will be lit on the touch screen.

- B1.  icon: changes function according to the text displayed alongside the icon
- B2. Display: guides the user in using the appliance.
- B3.  icon: changes function according to the text displayed alongside the icon

- B4.  icon: to deliver one cup of espresso coffee.
- B5.  icon: to deliver two cups of espresso coffee.
- B6.  icon: changes function according to the text displayed alongside the icon
- B7. **LONG** icon: to deliver a cup of LONG coffee.
- B8. **MILK** icon: to deliver a cup of milk.
- B9. **LATTE MACCHIATO** icon: to deliver a cup of latte macchiato.
- B10. **CAPPUCCINO** icon: to deliver a cappuccino.
- B11. **CAFFELATTE** icon: to deliver a caffelatte.
- B12. **CHOCOLATE** icon: to make hot chocolate.
- B13.  icon: changes function according to the text displayed alongside the icon
- B14.  icon: to select the coffee taste.
- B15.  icon: to select the coffee quantity.

 *Please note :*

A light touch is enough to activate the icon.

Description of milk container

(page 2 - C)

- C1. Lid with milk frother
- C2. Froth adjustment and CLEAN dial
- C3. Frothed milk spout (adjustable)
- C4. Lid release buttons
- C5. Milk intake tube
- C6. Milk container
- C7. Thermal casing

Description of hot chocolate carafe

(page 2 - D)

- D1. Hot chocolate carafe lid
- D2. Funnel
- D3. Steam pipe
- D4. Stirrer
- D5. Hot chocolate carafe
- D6. Funnel release button

Description of hot water/steam spout

(page 2 - E)

- E1. Release button
- E2. Spout
- E3. Steam nozzle
- E4. Cappuccino maker

Description of the accessories

(page 2 - F)

- F1. Pre-ground coffee and hot chocolate powder measure
- F2. Cleaning brush
- F3. "Total Hardness Test" indicator paper

- F4. Descaler
- F5. Water softener filter (some models only)

PRELIMINARY CHECKS

Checking the appliance

After removing the packaging, make sure the product is complete and undamaged and that all accessories are present. Do not use the appliance if it is visibly damaged. Contact De'Longhi Customer Services.

Installing the appliance



When you install the appliance, you should respect the following safety warnings:

- The appliance gives off heat.
After positioning the appliance on the worktop, leave a space of at least 3 cm between the surfaces of the appliance and the side and rear walls and at least 15 cm above the coffee machine.
- Water infiltration could damage the appliance and cause electric shock.
Do not place the appliance near taps or sinks.
- The appliance could be damaged if the water it contains freezes.
Do not install the appliance in a room where the temperature could drop below freezing point.
- Arrange the power cable in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates).

Connecting the appliance



Check that the mains power supply voltage corresponds to the value indicated on the rating plate on the bottom of the appliance.

Connect the appliance to an efficiently earthed and correctly installed socket with a minimum current rating of 10A only. If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.

Using the appliance for the first time



- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the grinder.
The machine is, however, guaranteed to be new.
- You should customise water hardness as soon as possible

following the instructions in the section "Setting water hardness" (page 20).

1. Plug the appliance into the mains socket and place the main switch on the back of the appliance in the I position (fig. 1).

You must first choose the language (the languages scroll through at intervals of about 3 seconds):

2. When "English" appears, press the **OK** icon (fig. 2) for a few seconds until "English set" is displayed.

Follow the instructions indicated by the appliance:

3.  **FILL WATER TANK!™**: remove the water tank, fill to the MAX line with fresh water then replace in the appliance (fig. 3).

4.  **INSERT WATER SPOUT!™**: Check that the hot water spout is inserted on the nozzle and place a container with a minimum capacity of 100 ml underneath (fig. 4).

5.  **"Water delivery PRESS OK!™"**: press the OK icon on the display.

6. The appliance starts delivering water from the hot water spout.
7. The appliance ends the first start up procedure and goes off automatically.

The coffee machine is now ready for normal use.



- When using the appliance for the first time, you need to make 4-5 cups of coffee or 4-5 cappuccinos before it starts to give satisfactory results.

TURNING THE APPLIANCE ON



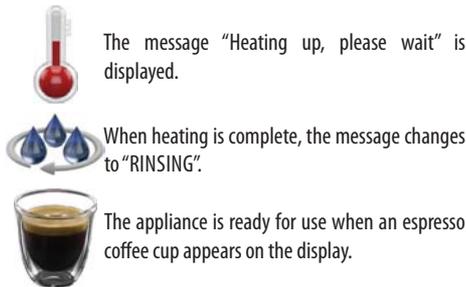
Before turning the appliance on, make sure the main switch on the back of the appliance is in the I position (fig. 1).

Each time the coffee machine is turned on, it performs an automatic preheat cycle and, if necessary, a rinse cycle which cannot be interrupted. The appliance is ready for use only after completion of this cycle.



During rinsing, a little hot water comes out of the coffee spouts and is collected in the drip tray underneath. Avoid contact with splashes of water.

- To turn the appliance on, press the  button for a few moments (fig. 5):



TURNING THE APPLIANCE OFF

Whenever the coffee machine is turned off after being used to make coffee, it performs an automatic rinse cycle.



During rinsing, a little hot water flows from the coffee spouts. Avoid contact with splashes of water.



If you will not be using the appliance for some time, unplug from the mains socket:

- first turn the appliance off by pressing the  button (fig. 5);
- place the main switch in the 0 position (fig. 6).



Never place the main switch in the 0 position while the appliance is on.

MENU SETTINGS

To access the settings menu, press the MENU icon. Scroll through the menu by pressing the  or  icon.

To exit the menu, press the ESC icon.

The following can be selected from the menu: Rinsing, Select background, Descale, Install water filter, Set time, Auto-start, Auto-off, Energy Saving, Set temperature, Water hardness, Beep, Default values, Statistics, Set language.

Rinsing

Use this function to deliver hot water from the spout to heat the internal circuit and make the coffee delivered hotter.



Press the **OK** icon to select the function. Press **OK** again to confirm and start rinsing.

After rinsing, the appliance is automatically ready to make the next drink.



During rinsing, a little hot water comes out of the coffee spouts and is collected in the drip tray underneath. Avoid contact with splashes of water.

Select background

Use this function to change the colour of the display background.



Press the **OK** icon to select the function. Press the  or  icon to select the required background, then press **OK** again to confirm the choice.



This menu item can be customised in all profiles (see "Memorising your personal profile" on page 17).

Descalc

For instructions on descaling, see page 20.



Install water filter (some models only)

For instructions on the water filter, see page 21.



Set time

To adjust the time on the display, proceed as follows:



Press the **OK** icon to select the function. Set the hour using the  symbol to increase and the  symbol to decrease, then press **OK** again to confirm, then adjust the minutes. Finally press **OK** to memorise the time set.



Hold the  or  symbol down to run through the hours and minutes quickly.

Auto-start

You can set the auto-start time in order to have the appliance ready at a certain time (for example in the morning) so you can make coffee immediately.



- For the appliance to come on at the set time, **the time must be set correctly.**
- To set the auto-start time, the hour must first have been set.



Press the **OK** icon to select the function, then press **OK** again to confirm.

Adjust the time as described in the previous section and confirm with **OK**. The grey symbol indicates that the function is not active.



- When the function is active, the  symbol appears alongside the current time.

- To disable the function, access the menu and select the function as described above. "DISABLE?" is displayed. Press **OK** to confirm. The symbol alongside the current time disappears.
- When the main switch is turned off, the "Auto-Start" setting is reset.

Auto-Off (Standby)

The auto-offtime can be changed so that the appliance switches off after 15 or 30 minutes, or after 1, 2 or 3 hours.



Press the **OK** icon to select the function. Press the **▲** or **▼** icon to select the required time, then press **OK** again to confirm.

Energy Saving

Use this function to enable or disable Energy Saving. When enabled, the function reduces energy consumption in compliance with European regulations.



Press the **OK** icon to select the function, then press **OK** again to enable or disable Energy Saving.



Please note!

- When the function is active, the  symbol appears alongside the current time.
- A few seconds may elapse between Energy Saving and delivery of the first drink.
- When Energy Saving is disabled, the appliance turns the cup warmer on automatically.

Coffee temperature

To modify the temperature of the water used to make the coffee, proceed as follows:



Press the **OK** icon to select the function. Press the **▲** or **▼** icon to select the required temperature, then press **OK** again to confirm.



Please note!

- This menu item can be customised in all profiles (see "Memorising your personal profile" on page 17).

Setting water hardness



For instructions on setting water hardness, see page 20.

Beep

This enables or disables the beep emitted by the machine each time an icon is pressed or an accessory is inserted/removed. The beep is active by default.



Press the **OK** icon to select the function. Press **OK** again to enable or disable the beep. The grey symbol indicates that the function is not active.

Default values (reset)

This resets all menu settings and programmed quantities back to the default values (with the exception of the language which remains as set).



Press the **OK** icon to select the function. Press **OK** again to confirm and reset to the default values.

Statistics



This displays statistics relating to the machine. Press the **▲** or **▼** symbol to display the available data:

- number of coffees delivered;
- number of milk drinks delivered (CAPPUCCINO, LATTE MACCHIATO, CAFFELATTE, MILK);
- number of times the machine has been descaled;
- total litres of water delivered;
- number of water filters used;
- number of hot chocolates delivered.

Setting the language

To modify the language of the display, proceed as follows:



Press the **OK** icon to select the function. Press the **▲** or **▼** icon to select the required language, then press **OK** to confirm the choice.

MAKING COFFEE

Selecting the coffee taste

The appliance is set by default to make coffee with a standard taste. You can select one of the following tastes displayed under the glass:

- Extra-mild taste
- Mild taste
- Standard taste
- Strong taste
- Extra-strong taste

To change the taste, press the  icon (fig. 7) repeatedly until the required taste is displayed.

Selecting the quantity of coffee in the cup

The appliance is set by default to make a standard quantity of coffee.

To select the quantity of coffee, press the  icon (fig. 8) repeatedly until the message corresponding to the required quantity of coffee is displayed:

Corresponding coffee	ESPRESSO (ml)
My coffee	≈30 (program. from ≈20 to ≈180)
Short	≈40
Standard	≈60
Long	≈90
Extra long	≈120

Customising the “My coffee” quantity



The appliance is set by default to automatically deliver 30 ml of “My coffee”. To modify this quantity, proceed as follows:

1. Place a cup under the coffee spouts (fig. 9).
2. Press the icon repeatedly (fig. 8) until “My coffee” is displayed.
3. Press the 1 cup icon (fig. 10). The appliance starts making the coffee;
4. Press the **PROG** icon. The appliance starts programming;
5. As soon as the coffee in the cup reaches the required level, press the **STOP** or icon again.

The quantity set has now been programmed.

Please note :

- You can programme a single cup of coffee only.
- To cancel programming of “My coffee”, press the **EXIT PROG** icon.

Please note!

“My coffee” can be customised in all profiles (see “Memorising your personal profile” on page 17).

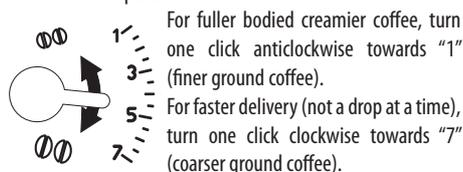
Adjusting the coffee mill

The coffee mill is set by default to prepare coffee correctly and should not require regulating initially.

However, if after making the first few coffees you find that delivery is either too fast or too slow (a drop at a time), this can be corrected by adjusting the grinding adjustment dial (fig. 11).

Please note!

The grinding adjustment dial must only be turned when the coffee mill is in operation.



These adjustments will only be evident after at least 2 cups of coffee have been delivered.

If delivery is still too fast or too slow, repeat the correction, turning the dial another click.

Tips for a hotter coffee

For hotter coffee, you should:

- perform a rinse cycle before delivering the coffee, using the “Rinsing” function in the menu;
- if Energy Saving is disabled, place the cups on the cup warmer until they are warm;
- warm the cups by rinsing them with hot water (using the hot water function);
- set a higher coffee temperature in the menu.

Making espresso coffee using coffee beans



Important!

Do not use caramelised or candied coffee beans as they could stick to the coffee mill and make it unusable.

1. Fill the container with coffee beans (fig. 12).
2. Place under the coffee spouts:
 - 1 cup, if you want to make 1 coffee (fig. 9);
 - 2 cups, if you want 2 coffees (fig. 13).
3. Lower the spout as near as possible to the cup. This makes a creamier coffee (fig. 14).
4. Press the icon corresponding to the number of coffees required (one cup or two cups (fig. 10 and 15).
5. The appliance starts making coffee. An image corresponding to the type of preparation chosen is displayed together with a progress bar which fills as preparation proceeds.

Once the coffee has been made, the appliance prepares for use again.



Please note:

- While the appliance is making coffee, delivery can be interrupted at any moment by pressing the **STOP** icon or one of the coffee icons (or).
- At the end of delivery, to increase the quantity of coffee in the cup, just press one of the coffee icons (or) within 3 seconds.



Important!

If the coffee is delivered a drop at a time, too fast and not creamy enough or too cold, read the tips in the “Troubleshooting” section on page 24).

Various alarm messages could be displayed while using the machine. Their meaning is explained in the section “Displayed messages” (page 22).

Making espresso coffee using pre-ground coffee



- Never add pre-ground coffee when the machine is off or it could spread through the inside of the machine and dirty it. This could damage the appliance.
- Never use more than one level measure or it could dirty the inside of the machine or block the funnel.



If you use pre-ground coffee, you can only make one cup of coffee at a time.

1. Press the icon (fig. 7) repeatedly to select the pre-ground coffee symbol .
2. Put one level measure of pre-ground coffee into the funnel (A3) (fig. 16).
3. Place a cup under the coffee spouts (fig. 9).
4. Press the 1 cup coffee icon .
5. The appliance starts making coffee. An image corresponding to the type of preparation chosen is displayed together with a progress bar which fills as preparation proceeds.



- While the appliance is making coffee, delivery can be interrupted at any moment by pressing the **STOP** icon or one of the coffee icons (or).
- To increase the quantity of coffee in the cup, just press the coffee icon within 3 seconds.

Once the coffee has been made, the appliance prepares to make the next drink.

MAKING HOT CHOCOLATE



A few seconds may elapse between Energy Saving and delivery of the first drink.

Preparing and attaching the hot chocolate carafe (D)



You can make one or two cups of hot chocolate.

1. Lift the carafe lid (fig. 17).
2. Make sure the steam pipe is inserted in the chocolate funnel and the stirrer is inserted in both the holes in the funnel (fig. 18).
3. Attach the funnel to the carafe (fig. 19).
4. To make one cup of hot chocolate, pour milk at refrigerator temperature (or fresh water) into the funnel up to the level and add 2 measures (25 g) of hot chocolate powder or cocoa. To make two cups or one mug of hot

chocolate, pour milk (or water) into the funnel up to the level and add 4 measures of powder (50 g) (fig. 20).



- Make sure the hole in the funnel shown in fig. 21 is clean.



- The milk must be poured into the funnel when the steam pipe and stirrer are already in place. Do not exceed the MAX level marked on the carafe. Increase or reduce the quantity of hot chocolate powder according to taste.
 - To use water instead of milk, follow the instructions for milk.
 - To prepare hot chocolate correctly, first pour the milk into the funnel, then add the hot chocolate or cocoa powder as shown on the hot chocolate carafe lid.
5. Close the lid (fig. 22).
 6. Attach the carafe to the nozzle and push as far as it will go (fig. 23). The machine emits a beep (if the beep function is enabled).
 7. Press the **CHOCOLATE** icon (B12).
 8. Select one or two cups (-) by pressing the corresponding icon.
 8. Press the + or - icon to select the required density:



If the hot chocolate powder used does not contain thickener, there will be any change adjusting the density.

9. Press the **CHOCOLATE** icon to start making hot chocolate (fig. 24). The appliance starts mixing the drink and then delivers steam to heat it.

Once the coffee has been made, the appliance prepares for use again. The chocolate is ready to be poured into the cup.



While making the chocolate, the carafe and lid become very hot. Hold by the handle only to remove the carafe and pour the chocolate.

The chocolate is ready to be poured into the cup.



- To interrupt making the chocolate, press the **CHOCOLATE** icon again or the **STOP** icon.

 **Danger of burns!**

- While making the hot chocolate, it is normal for steam to come out of the holes in the chocolate carafe lid.
- Heating the milk causes splashes inside the carafe. This is normal.
- The hot chocolate quantity in the cup will vary varying the density: if you choose thick density, there will be fewer chocolate than that contained in the cup if choosing the other densities.

MAKING MILK DRINKS

 **Please note!**

A few seconds may elapse between Energy Saving and delivery of the first drink.

Filling and attaching the milk container

1. Press the release buttons and lift the milk container lid (fig. 25).
2. Fill the milk container with a sufficient quantity of milk, not exceeding the MAX level (fig. 26).

 **Please note!**

For a richer denser froth, use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).

To avoid milk with poor froth or large bubbles, always clean the milk lid and hot water nozzle as described in the section "Cleaning the milk container" on pages 36 and 40.

3. Make sure the milk intake tube is correctly inserted in the bottom of the milk container lid (fig. 27).
4. Attach the lid back on the milk container.
5. Attach the container to the nozzle, pushing as far as it will go (fig. 28).
6. Place a sufficiently large cup under the coffee spouts and frothed milk spout (fig. 29). To use particularly tall cups/glasses, lift the coffee and milk spouts (fig. 30).
7. Follow the instructions below for each function.

Adjusting the amount of froth

Turn the froth adjustment dial on the milk container lid to adjust the amount of froth on the milk delivered while making milk drinks (fig. 31). Follow the tips given in the following table:

Dial position	Description	Recommended for...
	No froth	CAFFELATTE / MILK (hot milk)
	Min. froth	LATTE MACCHIATO

	Max. froth	CAPPUCCINO / MILK (frothed milk)
---	------------	----------------------------------

Making caffelatte/cappuccino/latte macchiato/milk

1. Press the icon corresponding to the required drink.
2. After a few seconds, frothed milk is delivered from the milk spout into the cup below. Delivery of milk stops automatically and (if needed for the drink), coffee delivery starts. An image of the drink being prepared is displayed (fig. 32) together with a progress bar which fills gradually.

 **Please note!**

Milk or coffee delivery can be interrupted by pressing the **STOP** icon. To stop preparation altogether, press the **ESC** icon.

Programming the quantities of coffee and milk in the cup

The appliance is set by default to automatically deliver standard quantities. To change these quantities, proceed as follows:

1. Place a cup under the coffee spouts and milk spout.
2. Press the icon corresponding to the function to be programmed (caffelatte, cappuccino, latte macchiato, milk). The machine starts delivering milk.
3. Press the **PROG** icon.
4. When the required quantity of milk has flowed into the cup, press the **STOP** icon.
5. If needed for the drink, after a few seconds, the machine starts delivering coffee. When the required quantity of coffee has flowed into the cup, press the **STOP** icon. Coffee delivery stops.

The machine is now reprogrammed with the new quantities.

 **Please note!**

- To cancel programming of the drinks, press the **EXIT PROG** icon.

 Milk drinks can be customised in all profiles (see "Memorising your personal profile" on page 17).

Cleaning the milk container after use

 **Important! Danger of burns**

When cleaning the internal tubes of the milk container, a little hot water and steam leak out of the frothed milk spout.

Avoid contact with splashes of water.



After preparing a milk drink, the machine must be cleaned to remove the milk residues. Proceed as follows:

1. Leave the milk container in the machine (you do not need to empty it);

- Place a cup or other recipient under the frothed milk spout.
- Turn the froth adjustment dial to CLEAN (fig. 33): the operation is shown on the display (fig. 34) and stops automatically.
- Turn the dial back to one of the froth selections.
- Remove the milk container and always clean the steam nozzle with a sponge (fig. 35).

 *Please note!*

- To prepare a number of milk drinks, clean the milk container after you have prepared the last drink only.
- The milk container can be kept in the refrigerator.
- In some cases, to clean you must wait for the appliance to heat up.

MAKING LONG COFFEE

- Choose the length and taste required, following the same procedure as for espresso coffee.

Corresponding coffee	LONG (ml)
My coffee	≈ 100 (program. from 20 to 250)
Short	≈ 125
Standard	≈ 175
Long	≈ 210
Extra long	≈ 250

- Press the **LONG** icon (fig. 36).
- The appliance starts making coffee. An image corresponding to the type of drink chosen is displayed together with a progress bar which fills as preparation proceeds.

 *Please note!*

To interrupt delivery, press the **LONG** icon or the **STOP** icon.

Making LONG coffee using pre-ground coffee

- Select the pre-ground coffee symbol, as explained in the espresso section.
- Push the **LONG** icon (fig. 36).
- The appliance starts making coffee. An image corresponding to the preparation chosen is displayed together with a progress bar which fills as preparation proceeds.

Customising the “My LONG coffee” quantity



The appliance is set by default to automatically deliver 100 ml of “My coffee”. To modify these settings, proceed as follows:

- Place a sufficiently large cup or glass under the coffee spouts (fig. 9).
- Press the  icon repeatedly (fig. 8) until “My coffee” is displayed.
- Press the **LONG** icon. The machine starts delivering coffee;
- Press the **PROG** icon. The appliance starts programming;
- As soon as the coffee in the cup reaches the required level, press the **STOP** icon again.

The quantity set has now been programmed.

 *Please note!*

- To cancel programming of “My LONG coffee”, press the **EXIT PROG** icon.



“My LONG coffee” can be customised in all profiles (see “Memorising your personal profile” on page 17).

DELIVERING HOT WATER AND STEAM



Important! Danger of burns.

Do not leave the appliance unattended while delivering hot water or steam. The spout becomes hot during delivery. Hold by the handle only.

 *Please note!*

If Energy Saving is active, you may have to wait a few seconds before hot water and steam are delivered.

Delivering hot water

- Check that the hot water spout is attached correctly.
- Place a container under the water spout (as close as possible to avoid splashes) (fig. 4).
- Press the  icon (fig. 37).
- Hot water delivery begins and then stops automatically. A progress bar fills gradually as preparation proceeds. To interrupt delivery of the hot water manually, press the **STOP** icon again.

 *Please note!*

The quantity of hot water can be customised in all profiles (see “Memorising your personal profile” on page 17).

Change the quantity of water delivered automatically.

The machine is set by default to automatically delivery 250 ml of hot water. To modify these quantities, proceed as follows:

- Check that the hot water spout is attached correctly.
- Position a container under the spout.
- Press the , then the **PROG** icon.
- When the hot water in the cup reaches the required level, press the **STOP** icon.

The machine is now reprogrammed with the new quantity.

 *Please note!*

- To cancel programming, press the **EXIT PROG** icon.

Steam delivery

1. Check that the hot water spout is attached correctly.
2. Fill a container with the liquid to be heated or frothed and immerse the steam spout in the liquid.
3. Press the  icon (fig. 37). After a few seconds, the steam to heat the liquid comes out of the cappuccino maker;
4. When the required temperature is obtained, interrupt steam delivery by pressing the **STOP** icon. (You should not discharge steam for more than 3 minutes at a time).

 *Important!*

Always stop steam delivery before extracting the container containing the liquid to avoid burns from splashes.

Tips for using steam to froth milk

- When choosing the size of the container, bear in mind that the liquid doubles or triples in volume.
- For a richer denser froth, use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).
- For a creamier froth, rotate the container with slow movements in an upward direction.
- To avoid milk with poor froth or large bubbles, always clean the spout as described in the following section.

Clean the steam/hot water spout after use

Always clean the spout after use to avoid the build-up of milk residues and prevent the spout from clogging.

1. Place a container under the cappuccino maker and deliver a little water by pressing the  icon (fig. 37). Stop delivery of hot water by pressing the **STOP** icon again.
2. Wait a few minutes for the cappuccino maker to cool down, then extract the hot water spout (fig. 38) by pressing the button. Hold the spout with one hand and with the other, turn the cappuccino maker and pull it downwards (fig. 39).
3. Also remove the steam nozzle by pulling it downwards (fig. 40).
4. Check the hole in the nozzle shown by the arrow in fig. 41 is not blocked. If necessary, clean using a toothpick.
5. Wash all parts of the spout thoroughly with a sponge and warm water.
6. Insert the nozzle and cappuccino maker on the nozzle by pushing it upwards and turning it clockwise until it is attached.

MEMORISING YOUR PERSONAL PROFILE



With this appliance, you can memorise six different profiles, each associated with a different colour.

In each profile you can customise:

- the quantities of espresso and long “My coffee”;
- the quantities for all milk drinks;
- the quantity of hot water;
- the preferred background (from the menu);
- the coffee temperature (from the menu).

To use the function, proceed as follows:

1. Enter the “Profiles” section by pressing the  icon;
2. Choose your colour by pressing the **CHANGE** icon and then press the **OK** icon to confirm. The chosen colour appears at the bottom left of the display to indicate you are operating with that profile;
3. Proceed to programme the drinks which can be memorised as described above. Each time you access the profile, the machine uses the programmed settings.

 *Please note!*

To change the profile, access profile selection by pressing the icon at the bottom left corresponding to the colour in use:

- Press the **CHANGE** icon to enter another profile and **OK** to confirm;
- Press the  icon to exit all profiles.
- When operating in the menu, the selected profile is displayed to the right (for selecting background and temperature).

CLEANING

Cleaning the machine

The following parts of the machine must be cleaned regularly:

- coffee grounds container (A14),
- drip tray (A9),
- the inside of the machine, accessible after opening the service door (A11),
- water tank (A13),
- coffee spouts (A7) and hot water nozzle (A6),
- pre-ground coffee funnel (A3),
- infuser (A12),
- touch screen (B)
- milk container (C)
- hot chocolate carafe (D)
- hot water/steam spout (E)

 *Important!*

- Do not use solvents, abrasive detergents or alcohol to clean the appliance. With De’Longhi superautomatic

coffee machines, you need not use chemical products to clean the machine.

- No parts of the appliance are dishwasher safe, apart from the hot chocolate carafe (D) and components of the milk container in contact with the milk.

The thermal casing C7 cannot be washed in a dishwasher or immersed in water.

- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

Cleaning the coffee grounds container



The display indicates when the grounds container is full. The appliance cannot be used to make coffee until you have cleaned the grounds container. Even if not full, the empty grounds container message is displayed 72 hours after the first coffee has been prepared. For the 72 hours to be calculated correctly, the machine must never be turned off with the main switch in the 0 position.

To clean (with the machine on):

- Open the service door on the front of the appliance (fig. 42), extract the drip tray (fig. 43), empty and clean.
- Empty the grounds container and clean thoroughly to remove all residues left on the bottom. This can be done with the spatula on the brush provided.



Important!

When removing the drip tray, the grounds container must be emptied, even if it contains few grounds.

If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.

Cleaning the drip tray



Important!

If the drip tray is not emptied regularly, the water could overflow from the edge and seep inside or around the machine.

This could damage the machine, the surface it rests on or the surrounding area.

The drip tray is fitted with a level indicator (red) showing the level of water it contains (fig. 44). As soon as the indicator becomes visible, the tray must be emptied and cleaned.

To remove the drip tray:

1. Open the service door (fig. 42);
2. Remove the drip tray and grounds container (fig. 43);
3. Empty the drip tray and grounds container and wash them;
4. Replace the drip tray complete with grounds container;
5. Close the service door.

Cleaning the inside of the machine



Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see "Turning off") and unplugged from the mains power supply. Never immerse the coffee machine in water.

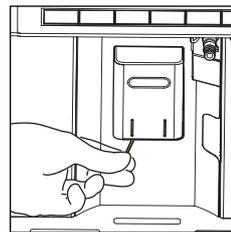
1. Check regularly (about every 100 coffees) that the inside of the appliance (accessible after removing the drip tray) is not dirty. If necessary, remove coffee deposits with the brush supplied and a sponge.
2. Remove the residues with a vacuum cleaner (fig. 45).

Cleaning the water tank

Clean the water tank about once a month and whenever you replace the water softener filter (if present) as follows:

1. Remove the filter.
2. Clean the water tank with a damp cloth and a little mild washing up liquid. Rinse with running water.
3. Rinse the filter (if present) and put back in the water tank. Fill the tank with fresh water and put back in the appliance.

Cleaning the coffee spouts



1. Clean the coffee spouts with a sponge or cloth.
2. Check the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick.

Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel is not blocked.

If necessary, remove coffee deposits with the brush supplied.

Cleaning the infuser

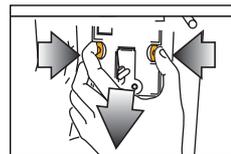
The infuser (A12) must be cleaned at least once a month.



Important!

The infuser may not be extracted when the machine is on.

1. Make sure the machine is correctly turned off (see "Turning off").
2. Open the service door (fig. 42).
3. Remove the drip tray and grounds container (fig. 43).
4. Press the two red release buttons inwards and at the same time pull the infuser outwards.

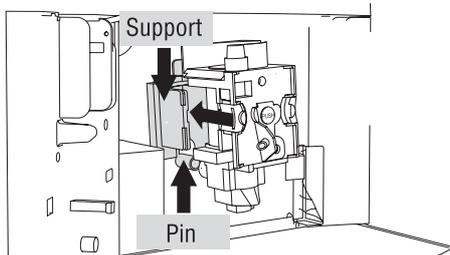




Important!
RINSE WITH WATER ONLY NO WASHING UP LIQUID - NO DISH WASHER

Do not use washing up liquid to clean the infuser as it could cause damage.

- Soak the infuser in water for about 5 minutes, then rinse under the tap.
- After cleaning, replace the infuser by sliding it onto the internal support and pin at the bottom, then push the PUSH symbol fully in until it clicks into place.



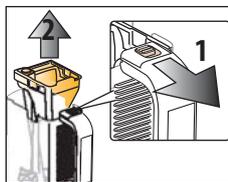
If you encounter difficulty inserting the infuser, before inserting it you must adapt it to the right dimension by pressing it forcefully from the bottom and top as shown in the figure.

- Once inserted, make sure the two red buttons have snapped out.
- Replace the drip tray and grounds container.
- Close the service door.

Cleaning the hot chocolate carafe (D)

Clean the carafe each time you prepare milk as described below:

- Lift and remove the lid (D1);
- Remove the funnel (D2) by pressing the release button (D6) and lifting it;
- Extract the steam spout (D3) and stirrer (D4);
- Wash all the components thoroughly with hot water and mild washing-up liquid.



All components are dishwasher safe, placing them in the top basket of the dishwasher.

- Replace all the components.

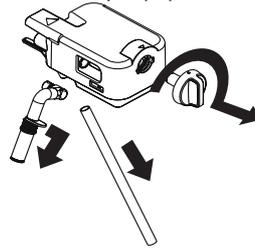


It is normal to find residues on the stirrer while cleaning. These consist of traces of iron in the cocoa attracted by the magnets in the stirrer.

Cleaning the milk container (C)

Clean the milk container each time you prepare milk as described below:

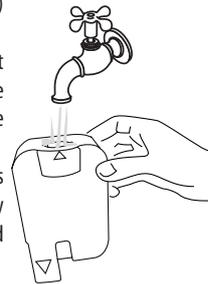
- Lift and remove the lid (C1);
- Extract the milk container (C5) from the thermal casing (C6), holding it by the two side grips.



The thermal casing must not be filled with or immersed in water. Clean with a damp cloth only.



- Remove the milk spout (C3) and intake tube (C5).
- Turn the froth adjustment dial clockwise to the "INSERT" position (see figure) and pull off.



- Wash all the components of the frother thoroughly with hot water and mild washing-up liquid. All components and the container are dishwasher safe, placing them in the top basket of the dishwasher. Make sure there are no milk residues on the hollow and groove under the dial (see figure alongside). If necessary, scrape the groove with a toothpick.
- Rinse inside the froth adjustment dial seat with running water (see figure) and the hole that connect the lid to the appliance.
- Check that the intake tube and spout are not clogged with milk residues.
- Replace the dial (lining up the arrow with the word "INSERT"), the spout and the milk intake tube.
- Place the milk container in the thermal casing.
- Place the lid back on the milk container.

DESCALING



When the symbol appears, you must proceed with the descaling equipment.



Important!
It is vital to respect the manufacturer's safety warnings given on the descaler pack and the warnings relating to the procedure to follow in the event of contact with the skin and eyes.

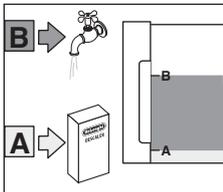


Please note!
Use descaler recommended by De'Longhi only.
Failure to descale the appliance as described above also invalidates the guarantee.

1. Turn the machine on.
2. Access the settings menu by pressing the **MENU** icon. Scroll through the menu pressing the **▲** and **▼** icons to select "Descale".
3. Press the **OK** icon to select the function. Press **OK** again to confirm.



4. "ADD DESCALER, FILL WATER TANK" "INSERT WATER SPOUT" is displayed.
5. Empty the water tank completely and remove the water softener filter (if present).



Pour the descaler into the tank up to the level **A** (corresponding to a 100 ml pack) marked on the side of the tank (fig. 32), then add water (1 litre) up to level **B** (fig. 32) and put the water tank back.

Place an empty container with a minimum capacity of 1.5 litres under the hot water spout.



Important! Danger of burns
Hot water containing acid flows out of the hot water spout. Avoid contact with splashes of water.

6. Start descaling by pressing the **OK** icon.
7. The descale programme starts and the descaler liquid comes out of the water spout. The descale programme automatically performs a series of rinses and pauses at regular intervals to remove limescale deposits from inside the machine. The cycle lasts about 30 minutes and is indicated by a progress bar which fills and empties.
8. "Rinsing" "FILL WATER TANK". The appliance is now ready for rinsing through with clean water. Remove the water

tank, empty, rinse under running water, fill with clean water and replace.

9. Empty the container used to collect the descaler solution and replace it under the hot water spout.
10. Press the **OK** icon to start rinsing. Hot water comes out of the spout.
11. When "Descaling complete" "PRESS OK" is displayed, press the **OK** icon. The appliance goes off.
12. Put the water softener filter (if present) back and fill the tank.

To use the appliance, press the button.

SETTING WATER HARDNESS

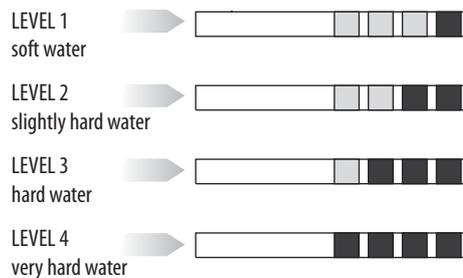
Descaling is requested after a period of time established according to water hardness.

The machine is set by default for a hardness value of 4 (very hard water).

The machine can also be programmed according to the actual hardness of the mains water in the various regions, varying the frequency with which the message is displayed.

Measuring water hardness

1. Remove the "TOTAL HARDNESS TEST" indicator paper from its pack.
2. Immerse the paper completely in a glass of water for one second.
3. Remove the paper from the water and shake lightly. After about a minute, 1, 2, 3, or 4 red squares form, depending on the hardness of the water. Each square corresponds to one level.



Set water hardness

1. Access the settings menu by pressing the **MENU** icon. Scroll through the menu pressing the **▲** and **▼** icons to select "Water hardness".
2. Confirm the selection by pressing the **OK** icon.
3. Press **▲** or **▼** to set the water hardness identified using the indicator paper (see figure in the previous section).

4. Press the **OK** icon to confirm the setting.
5. Press the **ESC** icon to exit the menu.

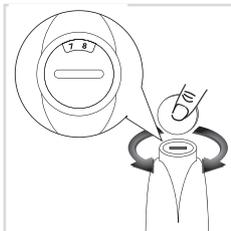
The machine is now reprogrammed with the new water hardness setting.

WATER SOFTENER FILTER

Certain models are fitted with a water softener filter. If this is not the case with your model, you are recommended to purchase one from De'Longhi Customer Services. To use the filter correctly, follow the instructions below.

Installing the filter

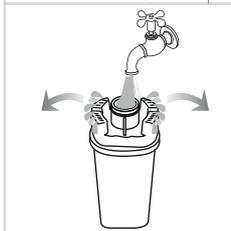
1. Remove the filter from the packaging.



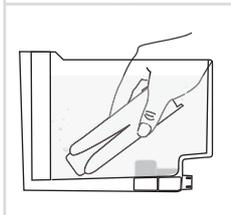
2. Turn the date indicator disk until the next two months of use are displayed.

Please note

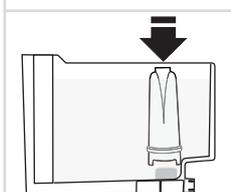
The filter lasts about two months if the appliance is used normally. If the coffee machine is left unused with the filter installed, it will last a maximum of three weeks.



3. To activate the filter, let tap water go in the hole of the filter as shown in the figure as long as the water comes out from the side openings for over one minute.



4. Extract the tank from the appliance and fill with water.



5. Insert the filter in the water tank and immerse it completely for about 30 seconds, turning it upside down to enable the air bubbles to escape.



6. Insert the filter in the filter housing and press as far as it will go.
7. Close the tank with the lid, then put the tank back in the machine.

When you install the filter, you must notify the appliance of its

presence.

8. Access the menu by pressing the **MENU** icon;
9. Scroll through the menu by pressing the **▲** or **▼** icon until "Install water filter" is displayed.
10. Press the **OK** icon.
11. The message "Install water filter" "CONFIRM?" is displayed.
12. Press the **OK** icon to confirm the selection. The message "INSERT WATER SPOUT" "PRESS OK" is displayed.
13. Position a container under the hot water spout (min. capacity: 100 ml).
14. Press **OK** to confirm the selection. The appliance begins delivering hot water and "Please wait" is displayed.
15. After delivery, the appliance is automatically ready to make the next drink.

The filter is now active and you can use the coffee machine.

Replacing the filter

 When the filter alarm is displayed, after two months (see date indicator) or if the appliance has not been used for 3 weeks, you should replace the filter:

1. Extract the tank and exhausted filter;
2. Remove the new filter from the packaging and proceed as illustrated on the previous paragraph (points 3-4-5-6).
3. Position a container with a minimum capacity of 100 ml under the hot water spout.
4. Access the menu by pressing the **MENU** icon;
5. Scroll through the menu by pressing the **▲** or **▼** icon until "Replace water filter" is displayed.
6. Press the **OK** icon.
7. "CONFIRM?" is displayed.
8. Press the **OK** icon to confirm.
9. "Water delivery" "PRESS OK" is displayed.
10. Press OK to confirm the selection. The appliance begins delivering hot water and "Please wait" is displayed.
11. After delivery, the appliance is automatically ready to make the next drink.

The new filter is now active and you can use the coffee machine.

Removing the filter

If you want to use the appliance without the filter, you must remove it and notify the appliance of its removal. Proceed as follows:

1. Extract the tank and exhausted filter.
2. Put the tank back in the appliance.
3. Access the menu by pressing the **MENU** icon.
4. Scroll through the menu by pressing the **▲** or **▼** icon until "Remove water filter" is displayed.
5. Press the **OK** icon.

6. "CONFIRM?" is displayed;
7. Press the **OK** icon to confirm and the **ESC** icon to exit the menu.

Power cable length: 1,45m

TECHNICAL DATA

Voltage:	220-240 V~ 50/60 Hz max. 10A
Absorbed power:	1350W
Pressure:	15 bar
Water tank capacity:	1,4 litres
Size: LxHxD:	281x400x425 mm
Max. beans container capacity	250 g
Weight of machine (with drip tray)	13,8 Kg
Weight of accessories:	
Water/steam spout:	57g
Milk container:	720g
Hot chocolate carafe:	378g

CE The appliance complies with the following EC directives:

- Standby Directive 1275/2008
- Low Voltage Directive 2006/95/EC and subsequent amendments;
- EMC Directive 2004/108/EC and subsequent amendments;
- Materials and accessories coming into contact with food conform to EC regulation 1935/2004.

DISPOSAL



In compliance with European directive 2002/96/EC, the appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.

DISPLAYED MESSAGES

DISPLAYED MESSAGE	POSSIBLE CAUSE	SOLUTION
 FILL WATER TANK	Insufficient water in tank or tank not inserted correctly	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place.
 GROUND TOO FINE ADJUST MILL	The grinding is too fine and the coffee is delivered too slowly or not at all.	Repeat coffee delivery and turn the grinding adjustment dial one click clockwise towards "7" while the coffee mill is in operation. If after making at least 2 coffees delivery is still too slow, repeat the correction procedure, turning the grinding adjustment dial another click until delivery is correct. If the problem persists, press OK to deliver water from the spout until it flows out normally.
 INSERT WATER SPOUT	The water spout is not inserted or is inserted incorrectly.	Insert water spout as far as it will go.
 EMPTY GROUNDS CONTAINER	The grounds container is too full or more than 3 days have passed since delivery of the first coffee (this guarantees correct hygiene of the machine).	Empty the grounds container and clean, then replace. Important: when removing the drip tray, the grounds container MUST be emptied, even if it contains few grounds. If this is not done, when you make the next coffees, the grounds container may fill up more than expected and clog the machine.

DISPLAYED MESSAGE	POSSIBLE CAUSE	SOLUTION
 <p>INSERT GROUNDS CONTAINER</p>	After cleaning, the grounds container has not been replaced.	Open the service door, remove the drip tray and insert the grounds container.
 <p>ADD PRE-GROUND COFFEE</p>	<p>The "pre-ground coffee" function has been selected without placing any pre-ground coffee in the funnel.</p> <p>The funnel (A8) is blocked.</p>	<p>Place pre-ground coffee in the funnel or deselect the "pre-ground" function.</p> <p>Empty the funnel with the help of the cleaning brush as described in the section "Cleaning the pre-ground coffee funnel".</p>
 <p>Descale</p>	The machine must be descaled.	The descaling procedure described in the "Descaling" section needs to be performed as soon as possible.
 <p>Replace water filter</p>	The water filter is exhausted.	Replace the filter or remove it as described in the section "Water filter".
 <p>LESS COFFEE</p>	Too much coffee has been used.	Select a milder taste or reduce the quantity of pre-ground coffee.
 <p>FILL BEANS CONTAINER</p>	<p>The coffee beans have run out.</p> <p>The pre-ground coffee funnel is clogged.</p>	<p>Fill the beans container</p> <p>Empty the funnel with the help of the brush as described in the section "Cleaning the pre-ground coffee funnel".</p>
 <p>INSERT INFUSER ASSEMBLY</p>	The infuser has not been replaced after cleaning.	Insert the infuser as described in the paragraph "Cleaning the infuser".
 <p>INSERT MILK CONTAINER</p>	The milk container is not inserted correctly.	Insert the milk container as far as it will go.
 <p>TURN DIAL TO CLEAN</p>	After preparing a milk drink, the lid must be cleaned with the CLEAN function.	Turn the froth adjustment dial to CLEAN
 <p>TURN FROTH ADJUSTMENT DIAL</p>	The froth adjustment dial is not in correct position.	Turn the froth adjustment dial in one of the froth position.

DISPLAYED MESSAGE	POSSIBLE CAUSE	SOLUTION
 INSERT CHOCOLATE CARAFE	The hot chocolate carafe is not inserted correctly.	Insert the hot chocolate carafe correctly.
 CLOSE DOOR	The service door is open	Close the service door.
 GENERAL ALARM	The inside of the appliance is very dirty.	Clean the inside of the appliance thoroughly, as described in the section "Cleaning and maintenance". If the message is still displayed after cleaning, contact customer services.
 EMPTY CIRCUIT FILL CIRCUIT <i>alternating with...</i> Water delivery PRESS OK	The water circuit is empty.	Press OK to deliver water from the spout until it flows out normally.

TROUBLESHOOTING

Below is a list of some of the possible malfunctions.

If the problem cannot be resolved as described, contact Customer Services.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The coffee is not hot	The cups were not preheated.	<ul style="list-style-type: none"> If Energy Saving is not active, leave the cups on the cup warmer for at least 20 minutes for them to warm up. Warm the cups by rinsing them with hot water (using the hot water function).
	The infuser has cooled down because 2/3 minutes have elapsed since the last coffee was made.	Before making the coffee, heat the infuser by performing a rinse cycle (see the section "Tips for a hotter coffee").
	A low coffee temperature is set.	Set a higher coffee temperature in the menu.
The coffee is not creamy enough.	The coffee is ground too coarsely.	Turn the grinding adjustment dial one click anticlockwise towards "1" while the coffee mill is in operation (fig. 11). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.
	Wrong type of coffee	Use a type of coffee for espresso coffee machines.
The coffee is delivered too slowly or a drop at a time.	The coffee is ground too finely.	Turn the grinding adjustment dial one click clockwise towards "7" while the coffee mill is in operation (fig. 11). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.

PROBLEM	POSSIBLE CAUSE	SOLUTION	
The coffee does not come out of the spouts, but from around the service door.	The holes in the spouts are clogged with dry coffee dust.	Clean the spouts with a toothpick, sponge or hard bristled kitchen brush.	
	The coffee guide inside the service door is blocked and cannot swing.	Thoroughly clean the coffee guide, particularly near the hinges.	
The coffee is delivered too quickly.	The coffee is ground too coarsely.	Turn the grinding adjustment dial one click anticlockwise towards "1" while the coffee mill is in operation (fig. 11). Avoid turning the grinding adjustment dial excessively otherwise when you select two cups, the coffee may be delivered a drop at a time.	
Coffee does not come out of one of the spouts.	The spouts are blocked.	Clean the spouts with a toothpick	
Water comes out of the spouts instead of coffee.	The pre-ground coffee may be blocked in the funnel (A8)	Empty the funnel with the help of the brush as described in the section "Cleaning the pre-ground coffee funnel".	
 The milk does not come out of the milk spout.	The milk container lid is dirty.	Clean the milk container lid as described in the section "Cleaning the milk container".	
	The milk contains large bubbles and squirts out of the milk spout or there is little froth.	The milk is not cold enough or is not semi-skimmed.	Use skimmed or semi-skimmed milk at refrigerator temperature (about 5° C). If the result is not as you wished, try changing brand of milk.
		The froth adjustment dial is incorrectly adjusted.	Adjust following the instructions in the section "Making drinks with milk".
		The milk container lid or froth adjustment dial are dirty	Clean the milk container lid and dial as described in the section "Cleaning the milk container".
	The hot water/steam nozzle is dirty	Clean the nozzle as described in the section "Cleaning the hot water/steam nozzle".	
 The milk contains large bubbles and there is little froth	The spout is dirty.	Clean as described in the section "Cleaning the spout after use".	
	The milk is not cold enough or is not semi-skimmed.	You should ideally use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C). If the result is not as you wished, try changing brand of milk.	
	The steam nozzle has not been inserted after cleaning.	Replace all the spout components correctly.	
The appliance does not come on	It is not plugged into the mains socket.	Plug into the mains socket.	
	The main switch is not turned on.	Place the main switch in the I position	
	The  button has not been pressed sufficiently.	Hold the button down for a few seconds.	
The LONG coffee has too much froth	The coffee is ground too finely.	Turn the grinding adjustment dial one click clockwise towards "7" while the coffee mill is in operation (fig. 11). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.	
"Energy Saving" is enabled, but the cup warmer is hot.	A number of drinks have been prepared in rapid succession.		

PROBLEM	POSSIBLE CAUSE	SOLUTION
The chocolate is not sufficiently dense	The hot chocolate powder used does not contain thickener.	Change the type of powder used.
	The highest density has not been selected.	Select the highest density by pressing the + icon.
	The quantities of milk and hot chocolate powder are not correct.	Follow the instructions in the section "Making hot chocolate".
The hot chocolate is cold or there are lumps.	The stirrer and steam spout are not inserted correctly in the funnel.	Insert the stirrer and steam spout in the funnel
	The instructions have not been followed.	Pour the milk/water into the funnel first, followed by the hot chocolate powder.
During cleaning, there are traces of black on the stirrer.	The magnets in the stirrer attract traces of iron naturally present in the hot chocolate powder.	Clean as described in the section "Cleaning the hot chocolate carafe".

ELECTRICAL REQUIREMENTS

Before using this appliance ensure that the voltage indicated on the product corresponds with the main voltage in your home, if you are in any doubt about your supply contact your local electricity company.

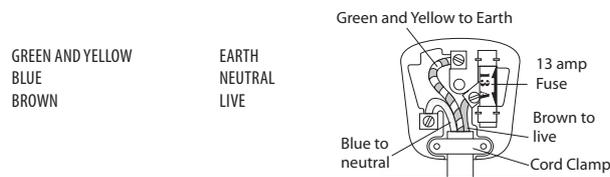
The flexible mains lead is supplied connected to a B.S. 1363 fused plug having a fuse of 13 amp capacity.

Should this plug not fit the socket outlets in your home, it should be cut off and replaced with a suitable plug, following the procedure outlined below.

Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger.

N.B. We recommend the use of good quality plugs and wall sockets that can be switched off when the machine is not in use.

IMPORTANT: the wires in the mains lead fitted to this appliance are coloured in accordance with the following code:



As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- The wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or coloured green or green and yellow.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

When wiring the plug, ensure that all strands of wire are securely retained in each terminal. Do not forget to tighten the mains lead clamp on the plug. If your electricity supply point has only two pin socket outlets, or if you are in doubt, consult a qualified electrician.

Should the mains lead ever require replacement, it is essential that this operation be carried out by a qualified electrician and should only be replaced with a flexible cord of the same size.

After replacement of a fuse in the plug, the fuse cover must be refitted. If the fuse cover is lost, the plug must not be used until a replacement cover is obtained. The colour of the correct replacement fuse cover is that of the coloured insert in the base of the fuse recess or elsewhere on the plug. Always state this colour when ordering a replacement fuse cover.

Only 13amp replacement fuses which are asta approved to B.S. 1362 should be fitted.

This appliance conforms to the Norms EN 55014 regarding the suppression of radio interference.

Warning - this appliance must be earthed