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1. FUNDAMENTAL SAFETY WARNINGS

- 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 should be supervised to ensure that they do not play with the appliance.
- Designated use: this appliance is designed and made to prepare beverages based on coffee, milk and hot water. Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance.
- The surface of the heating element remains hot after use and the outside of the appliance may retain the heat for several minutes depending on use.
- To clean, follow the instructions in section “12. Cleaning”.
- Cleaning and user maintenance shall not be made by children without supervision.
- Never clean by immersing the appliance in water.
- IMPORTANT: to prevent damage to the appliance, do not clean with alkaline detergents; use a soft cloth and, where applicable, neutral detergent.
- This is an 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.
- If the plug or power cord is damaged, it must be replaced by customer services only to avoid all risk.
- Appliances with removable cord: avoid splashes of water on the power cord connector or socket at the back of the appliance.
- IMPORTANT: Models with glass surfaces: do not use the appliance if the surface is cracked.
- Coffee maker shall not be placed in a cabinet when in use.

FOR EUROPEAN MARKETS ONLY:

- This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are above 8 years old and supervised. Keep the appliance and power cord away from children under 8 years of age.
- The appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they are supervised or have been given

instruction concerning use of the appliance in a safe way and if they understand the hazards involved.

- Children shall not play with the appliance.
- Always unplug the appliance when left unattended and before assembly, taking apart or cleaning.



Surfaces marked with this symbol become hot during use (the symbol is present in certain models only).

2. SAFETY WARNINGS

2.1 Symbols used in this Instruction for Use

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.



Danger!

This is an electrical appliance and may cause electric shock.

You should therefore follow these 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 cord as you could damage it.
- To disconnect the appliance completely you must unplug it from the mains socket.
- If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Customer Services.
- Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool.



Important:

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



Danger 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.

When the appliance is in operation, the cup shelf could become very hot.

2.2 Instructions

Read this Instruction for Use carefully before using the appliance. Failure to follow this Instruction for Use may result in injury or damage to the appliance.

The manufacturer is not liable for damage deriving from failure to respect this Instruction for Use.



Please note:

Keep this Instruction for Use. If the appliance is passed to other persons, they must also be provided with this Instruction for Use.

3. INTRODUCTION

Thank you for choosing this bean to cup espresso and cappuccino machine.

We hope you enjoy using your new appliance. Take a few minutes to read this Instruction for Use. This will avoid all risks and damage to the appliance.

3.1 Letters in brackets

The letters in brackets refer to the legend in the description of the appliance on pages 2-3.

3.2 Troubleshooting and repairs

In the event of problems, first try and resolve them by reading the information given in sections "18. Displayed messages" and "19. Troubleshooting".

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.

4. DESCRIPTION

4.1 Description of the appliance

(page 3 - A)

- A1. Grinding adjustment dial
- A2. Beans container
- A3. Main switch
- A4. Beans container lid
- A5. Cover for funnel and measure compartment
- A6. Measure compartment
- A7. Cup shelf (cup warmer when Energy Saving is disabled)
- A8. Pre-ground coffee funnel
- A9. Hot water/steam connection nozzle
- A10. Infuser
- A11. Water tank
- A12. Power cord
- A13. Cup tray
- A14. Drip tray
- A15. Compartment for macchiato/caffelatte glass
- A16. Grounds container
- A17. Service door
- A18. Coffee spouts (adjustable height)
- A19. Coffee guide
- A20. ON/STANDBY button

4.2 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. Display: guides the user in using the appliance
- B2. ► icon: to scroll forwards through the settings menu.
- B3. ☞ icon: to deliver one cup of espresso coffee.
- B4. ☞☞ icon: to deliver two cups of espresso coffee.
- B5. OK icon: to enable and confirm the selected function.
- B6. ☞☞ icon: to rinse or deliver hot water.
- B7. MILK icon: to deliver a cup of milk.
- B8. MACCHIATO icon: to deliver a cup of macchiato.
- B9. ☞ LONG icon: to deliver 1 cup of LONG coffee.
- B10. CAPPUCCINO icon: to deliver a cappuccino.
- B11. CAFFELATTE icon: to deliver a caffelatte.
- B12. P icon: to access the settings menu.
- B13. ESC icon: to exit the selected function.
- B14. ☞☞ icon: to select the coffee taste.
- B15. ☞☞☞ icon: to select the coffee quantity.
- B16. ◀ icon: to scroll backwards through the settings menu.



Please note:

A light touch is enough to activate the icon.

4.3 Description of the accessories

(page 3 - C)

- C1. Indicator paper (total hardness test)
- C2. Measure
- C3. Descaler
- C4. Water softener filter (if present)
- C5. Cleaning brush
- C6. Hot water spout

4.4 Description of the milk container

(page 3 - D)

- D1. Froth regulator
- D2. Lid with milk frother
- D3. Milk container
- D4. Milk intake tube
- D5. Frothed milk spout
- D6. CLEAN button

5. BEFORE USE

5.1 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.

5.2 Installing the appliance



Important!

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 machine.
- Water penetrating the coffee maker could cause damage. 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 cord in such a way that it cannot be damaged by sharp edges or contact with hot surfaces (e.g. electric hot plates).

5.3 Connecting the appliance



Important!

Check that the mains power supply voltage corresponds to that 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.

5.4 Setting up the appliance



Please note:

- Coffee has been used to factory test the appliance and it is therefore completely normal for there to be traces of coffee in the mill. The machine is, however, guaranteed to be new.
 - You should customise water hardness as soon as possible following the instructions in section "14. Setting water hardness"
1. Plug the appliance into the mains socket and place the main switch (A3) on the back of the appliance in the **I** position (fig. 1).

You must first choose the language by pressing the scroll icon ◀ (B16) or ▶ (B2), or waiting until the languages scroll through on the display (B1) at intervals of about 3 seconds:

2. When English appears, press the **OK** icon for a few seconds (B5, fig. 2). Once the language has been saved, the message "English installed" appears.

Follow the instructions indicated by the appliance:

3. "FILL TANK": remove the water tank (A11), fill to the MAX line with fresh water then put back in the appliance (fig. 3).
4. "Insert water spout and press **OK**": Check that the hot water spout is inserted on the connection nozzle and place a container holding a minimum of 100 ml underneath (fig. 4). Press the **OK** icon. "Please wait" is displayed and the appliance begins to deliver water from the hot water spout.

The appliance ends the first start up procedure, then the message "Turning off, Please wait" is displayed and the appliance goes off.

The coffee machine is now ready for normal use.



Please note:

- The first time you use the coffee maker, you need to make 4-5 cups of coffee or 4-5 cappuccinos before it starts to give satisfactory results.

6. TURNING THE APPLIANCE ON



Please note:


Before turning the appliance on, make sure the main switch (A3) on the back of the appliance is in the **I** position (fig. 1).

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



Danger of burns!

During rinsing, a little hot water comes out of the coffee spouts (A18) and is collected in the drip tray (A14) underneath. Avoid contact with splashes of water.

- To turn the appliance on, press the  button (A20, fig. 5). The message "Heating, Please wait" appears on the display (B1).

When heating is complete, the message changes to: "Rinsing". As well as heating the boiler, this also heats the internal circuits by circulating hot water.


The appliance is at temperature when the message "STANDARD COFFEE Standard taste" is displayed.

7. TURNING THE APPLIANCE OFF

Each time the appliance is turned off, it performs an automatic rinse cycle which cannot be interrupted.



Important!

To avoid damaging the appliance, always press the  button (A20, fig. 5) to turn off.



Danger of burns!

During rinsing, a little hot water flows from the coffee spouts (A18).

Avoid contact with splashes of water.

To use the appliance, press the  button. The appliance performs a rinse cycle then goes off.



Please note:

If the appliance is not used for an extended period, place the main switch in the **0** position (A3, fig. 6). Never place the main switch in the **0** position while the appliance is on.

8. MENU SETTINGS

When you access the settings menu by pressing the **P** button (B12), the following menu items can be selected: Descale, Set language, Energy saving, Adjust time, Auto-start, Auto-off, Coffee temperature, Water hardness, Water filter, Replace filter (if present), Beep, Statistics, Default values.

8.1 Descaling

For instructions on descaling, see section "13. Descaling".

8.2 Setting the language

To modify the language on the display (B1), proceed as follows:

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the ◀ (B16) or ▶ (B2) icon until "Set language" is displayed;
3. Press the **OK** icon (B5, fig. 2);
4. Press the ◀ or ▶ icon until the required language is displayed;

5. Press the **OK** icon to confirm;
6. Press the **ESC** icon (B13) icon to exit the menu.

8.3 Energy saving

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

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the ◀ (B16) or ▶ (B2) icon until "Energy saving" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2). "Disable?" is displayed, or "Enable?" if the function has already been disabled;
4. Press the **OK** icon to disable or enable the function or **ESC** (B13) to exit the menu.

When the function is enabled, if the machine is not used for some time, "Energy saving" is displayed.



Please note!

- To prepare any beverage, press any icon to exit energy saving, then press the icon corresponding to the beverage you want to make.
- A few seconds may elapse between "Energy Saving" mode and delivery of the first drink; this is indicated by the rapid increase then decrease of the progress bar and display of the message "Preparation underway".
- When "Energy Saving" is disabled, the appliance turns the cup warmer on automatically.
- If the milk container (D) is inserted, "Energy Saving" cannot be activated.

8.4 Set time

To adjust the time on the display (B1), proceed as follows:

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the ◀ (B16) or ▶ (B2) icon until "Adjust time" is displayed;
3. Press the **OK** icon (B5, fig. 2): The hours flash on the display;
4. Press the ◀ or ▶ icon to change the hours;
5. Press the **OK** icon to confirm. The minutes flash on the display;
6. Press the ◀ or ▶ icon to change the minutes;
7. Press the **OK** icon to confirm;
8. Press the **ESC** icon (B13) icon to exit the settings menu.


8.5 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.




Please note!

To enable this function, **the time must be set correctly.**

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the ◀ (B16) or ▶ (B2) icon until "Auto-start Disabled" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2). "Enable?" is displayed;
4. Press the **OK** icon: the hours flash on the display;
5. Press the ◀ or ▶ icon to choose the hours;
6. Press the **OK** icon to confirm. The minutes flash on the display;
7. Press the ◀ or ▶ icon to change the minutes;
8. Press the **OK** icon to confirm. "Auto-start Enabled" is displayed.
9. Press the **ESC** icon (B13) to exit the menu. The  symbol appears next to the clock to indicate that auto-start has been programmed.

To disable the function:

1. Press the **P** icon to enter the settings menu;
2. Press the ◀ or ▶ icon until "Auto-start Enabled" is displayed;
3. Press the **OK** icon. "Disable?" is displayed;
4. Press the **OK** icon to confirm;
5. Press the **ESC** icon to exit the menu. The  symbol is no longer displayed.

8.6 Auto-off (Standby)

Auto-off can be changed so that the appliance goes off after 15 or 30 minutes, or after 1, 2 or 3 hours.

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the ◀ (B16) or ▶ (B2) icon until "Auto-off" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2);
4. Press the ◀ or ▶ icon until the required time (15 or 30 minutes, or 1, 2 or 3 hours) is displayed;
5. Press the **OK** icon to confirm;
6. Press the **ESC** icon (B13) icon to exit the menu.

Auto-off is now programmed.

8.7 Coffee temperature

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

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the ◀ (B16) or ▶ (B2) icon until "Coffee temperature" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2);
4. Press the ◀ or ▶ icon until the required temperature (☆=low, ☆☆☆=high) is displayed;
5. Press the **OK** icon to confirm;
6. Press the **ESC** icon (B13) icon to exit the menu.

8.8 Setting water hardness

For instructions on setting water hardness, see section "14. Setting water hardness".

8.9 Install filter (if provided)

For instructions on the water filter (C4), see section "15. Water softener filter (if present)".

8.10 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.

1. Press the **P** button (B12) to enter the menu;
2. Press the **◀** (B16) or **▶** (B2) icon until "Beep enabled" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2). The message "Disable?" is displayed;
4. Press the **OK** icon to disable the beep. "Beep Disabled" is displayed;
5. Press the **Esc** icon (B13) to exit the settings menu.

8.11 Statistics function

This displays statistics relating to the machine. To display the statistics, proceed as follows:

1. Press the **P** icon (B12) to enter the settings menu;
2. Press the **◀** (B16) or **▶** (B2) icon until "Statistics" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2);
4. By pressing the **◀** or **▶** icon, you can check:
 - how many coffees have been made;
 - the total of milk-based coffees made (CAPPUCCINO, MACCHIATO, CAFFELATTE, MILK);
 - how many times the machine has been descaled;
 - the total number of litres of water delivered;
 - how many filters have been used.
5. Press the **ESC** icon (B13) twice to exit the menu.

8.12 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).

1. Press the **P** icon (B12) to enter the menu;
2. Press the **◀** (B16) or **▶** (B2) icon until "Default values" appears on the display (B1);
3. Press the **OK** icon (B5, fig. 2);
4. The message "Confirm?" is displayed
5. Press the **OK** icon to confirm and exit.

9. MAKING COFFEE

9.1 Selecting the coffee taste

The appliance is set by default to make coffee with a standard taste.

You can also choose one of these tastes:

Extra mild taste

Mild taste

Standard taste


Strong taste

Extra-strong taste

To change the taste, press the  icon (B14, fig. 7) repeatedly until the required taste appears on the display.

9.2 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 (B15, fig. 8) repeatedly until the message corresponding to the required quantity of coffee appears on the display (B1):

Corresponding coffee	ESPRESSO (ml)	LONG COFFEE (ml)
MY COFFEE	program. from 20 to 180	program. from 20 to 250
SHORT	≈40	≈ 125
STANDARD	≈60	≈ 175
LONG	≈90	≈ 210
EXTRA LONG	≈120	≈ 250

9.3 Customising the espresso "my coffee" quantity

The appliance is set by default to automatically deliver 30ml of "my coffee". To modify these settings, proceed as follows:

1. Place a cup under the coffee spouts (A18, fig. 13).
2. Press the  icon (B15, fig. 8) repeatedly until "MY COFFEE" appears on the display (B1).
3. Press the  icon (B3, fig. 9) until "Program Quantity" appears on the display (B1), then release. The appliance starts delivering coffee and the  icon flashes;
4. As soon as the coffee in the cup reaches the required level, press the  icon again.

The quantity set has now been programmed.

9.4 Programming the long "my coffee" quantity

The appliance is set by default to automatically deliver about 100ml of LONG coffee. To modify this quantity, proceed as follows:

1. Place a cup under the coffee spouts (A18, fig. 18).

2. Press the ☞☞ icon (B15, fig. 8) repeatedly until "MY COFFEE" appears on the display (B1).
3. Press the **LONG** icon (B9, fig. 10) until "Program quantity" appears on the display (B1), then release. The machine starts delivering the coffee and the **LONG** icon flashes;
4. As soon as the coffee in the cup reaches the required level, press the **LONG** icon again.

The quantity set has now been programmed.

9.5 Adjusting the coffee mill

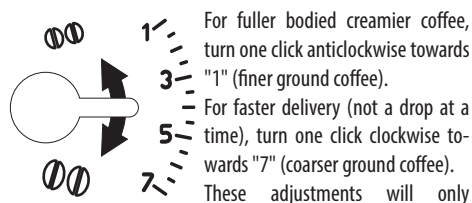
The coffee mill is set by default to prepare coffee correctly and should not require regulating initially.

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 (A1, fig. 11).



Please note!

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



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.

9.6 Tips for a hotter coffee

For hotter coffee, you should:

- before delivering the coffee, perform a rinsing cycle by pressing the ☞☞ icon (B6, fig. 35) to select the "Rinsing" function (a flashing arrow appears on the display (B1) alongside the selected function) and confirm the selection by pressing the **OK** icon (B5, fig. 2). Hot water is delivered from the coffee spouts (A18) and, if inserted, the hot water spout (C6) to clean and heat the internal circuits of the appliance;
- if Energy Saving is disabled, place the cups on the cup warmer until they are warm;
- warm the cups with hot water (using the hot water function);
- set the "high" coffee temperature (●●●●) in the menu.



Danger of burns!

During rinsing, a little hot water comes out of the spouts (A18) and is collected in the drip tray (A14) underneath. Avoid contact with splashes of water.

9.7 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 (A2, fig. 12) with coffee beans.
2. Place under the coffee spouts (A18):
 - 1 cup, if you want to make 1 coffee (fig. 13);
 - 2 cups, if you want 2 coffees (fig. 14).
3. Lower the spouts as near as possible to the cup. This makes a creamier coffee (fig. 15).
4. Press the icon corresponding to the number of coffees required (1 cup ☞ or 2 cups ☞☞) (B3, fig. 9; B4, fig. 16).
5. Preparation begins. The quantity and taste of coffee selected appear on the display (B1) together with a progress bar which gradually fills as preparation progresses (fig. 17).

At the end of preparation, the appliance prepares to make the next beverage.



Please note:

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

Once the coffee has been made, the appliance is ready to make the next beverage.



Important!

If the coffee is delivered a drop at a time, or too fast and not creamy enough or too cold, read the tips in section "19. Troubleshooting".

Alarm messages could be displayed while the machine is in use. Their meaning is explained in section "18. Displayed messages".

9.8 Making long coffee using coffee beans



Please note!

When this function is enabled, a long coffee similar to drip coffee is obtained.



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 (A2, fig. 12) with coffee beans;
2. Adjust the height of the spout (A18) according to the cup used (fig. 15). Put the cup for long coffee under the spouts (fig. 18);

- Press the **LONG** icon (B9, fig. 10). Preparation begins and a progress bar appears on the display (B1) and gradually advances as the procedure progresses (fig. 17).

At the end of preparation, the appliance prepares to make the next beverage.



Please note:

- While the machine is making coffee, delivery can be interrupted at any moment by pressing the **LONG** icon.
- Only one cup of long coffee can be made at a time.
- When delivering more than 125 ml, the appliance automatically grinds more coffee halfway through delivery.

9.9 Making espresso or long coffee using pre-ground coffee



Important!

- 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 1 level measure or it could dirty the inside of the coffee machine or block the funnel.



Please note!

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

- Press the  icon (B14, fig. 7) until "Pre-ground" flashes on the display (B1).
- Put one level measure (C2) of pre-ground coffee into the funnel (A8, fig. 19).
- Place a cup under the coffee spouts (A18).
- To make espresso coffee, press the 1 cup  icon (B3, fig. 9). To make a long coffee, press the **LONG** icon (B9, fig. 10).
- Preparation begins. The quantity and taste of coffee selected appear on the display (B1) together with a progress bar which gradually fills as preparation progresses (fig. 17).

At the end of preparation, the appliance prepares to make the next beverage.

10. MAKING CAPPUCCINOS AND MILK-BASED COFFEES



Please note!

A few seconds may elapse between energy saving mode and delivery of the first drink.

10.1 Filling and attaching the milk container

- Turn the milk container lid (D2) clockwise until it becomes noticeably difficult to turn, then remove (fig. 20).
- Fill the milk container (D3) with a sufficient quantity of milk, not exceeding the MAX level marked on the handle (fig. 21).



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 connection nozzle (A9, fig. 34) as described in sections "12. Cleaning" and "13. Descaling".


- Make sure the milk intake tube (D4) is correctly inserted in the bottom of the milk container lid (D2, fig. 22).
- Replace the milk container lid and turn anticlockwise as far as it will go.
- Remove the hot water spout (C6) from the connection nozzle (A9, fig. 23).
- Attach the container to the connection nozzle and push as far as it will go (fig. 24). The machine emits a beep (if the beep function is enabled).
- Place a sufficiently large cup under the coffee spouts (A18) and the frothed milk spout (D5). To use particularly tall cups/glasses, raise the lid (A15) of the special compartment in the cup tray (A13, fig. 25).
- Follow the instructions below for each function.

10.2 Making caffelatte

- After attaching the milk container (D), position the froth regulator (D1) on **CAFFELATTE** (fig. 26) printed on the milk container lid.
- Press the **CAFFELATTE** icon (B11, fig. 27). "Caffelatte... Froth regulator in position 3" appears on the display (B1). After a few seconds, frothed milk is delivered from the milk spout (D5) into the cup below. Milk delivery stops automatically and coffee delivery begins.



Please note!

If during delivery you want to stop preparing milk, press the **CAFFELATTE** icon, or interrupt preparation of the coffee by pressing the  icon (B3, fig. 9).

10.3 Making cappuccino


- After attaching the milk container (D), position the froth regulator (D1) on **CAPPUCCINO** (fig. 28) printed on the milk container lid. **The quality of froth can be adjusted during delivery by moving the regulator slightly towards the word MACCHIATO for a denser froth.**

Moving it towards the word CAPPUCCINO obtains a less dense froth.

2. Press the **CAPPUCCINO** icon (B10, fig. 29). "Cappuccino... Froth regulator in position 1" appears on the display (B1). After a few seconds, frothed milk flows out of the milk spout (D5) into the cup below. Milk delivery stops automatically and coffee delivery begins.



Please note!


If during delivery you want to stop preparing milk, press the **CAPPUCCINO** icon, or interrupt preparation of the coffee by pressing the  icon (B3, fig. 9).

10.4 Making macchiato

1. After attaching the milk container (D), position the froth regulator (D1) on **MACCHIATO** (fig. 30) printed on the milk container lid.
2. Press the **MACCHIATO** icon (B8, fig. 31). "Macchiato... Froth regulator in position 2" appears on the display (B1). After a few seconds, frothed milk flows out of the milk spout (D5) into the cup below. Milk delivery stops automatically and coffee delivery begins.



Please note!

If during delivery you want to stop preparing milk, press the **MACCHIATO** icon, or interrupt preparation of the coffee by pressing the  icon (B3, fig. 9).

10.5 Making milk

1. After attaching the milk container (D), position the froth regulator (D1) according to the quantity of froth you require (pos. 3 caffe latte = little froth; pos. 1 cappuccino = abundant froth).
2. Press the **MILK** icon (B7, fig. 32). "MILK" appears on the display (B1). After a few seconds, frothed milk is delivered from the milk spout (D5) into the cup below. Milk delivery stops automatically.



Please note!

If during delivery you want to stop preparing milk, press the **MILK** icon once.

10.6 Cleaning the milk container after use



Important! Danger of burns

When cleaning the internal tubes of the milk container, a little hot water leaks out of the frothed milk spout (D5). Avoid contact with splashes of water.

When "Press CLEAN button" flashes on the display (B1) (each time you use a milk function):

1. Leave the milk container (D) in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout.
3. Press and hold the **CLEAN** button (D6, fig. 33) until the progress bar which appears on the display together with the message "Cleaning underway" is complete.
4. Remove the milk container and always clean the connection nozzle (A9) with a sponge (fig. 34).





Please note!

- When "Press CLEAN button" flashes on the display, you can still prepare any type of coffee or milk. If you have to make a number of milk-based coffees, wait until you have delivered the last cup before cleaning the container.
- The milk left in the container can be kept in the refrigerator.
- In some cases, to clean you must wait for the appliance to heat up, holding the **CLEAN** button down.

10.7 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 (A18) and milk spout (D5).
2. Press and hold the icon corresponding to the function you want to programme (**CAFFELATTE**, **CAPPUCCINO**, **MACCHIATO** or **MILK**) until "Milk for... Program quantity" appears on the display (B1) and the icon corresponding to the selected function flashes.
3. Release the icon. The appliance starts delivering milk.
4. When the required quantity of milk has been delivered into the cup, press the icon again.
5. After a few seconds, the appliance starts delivering coffee into the cup and the message "Coffee for... Program quantity" is displayed (with the exception of the **MILK** function) and the  icon (B3) flashes.
6. As soon as the coffee in the cup reaches the required level, press the  icon. Coffee delivery stops.

The machine is now reprogrammed with the new quantities.

11. HOT WATER




11.1 Preparation



Important! Danger of burns.

Never leave the machine unattended while delivering hot water. The hot water spout (C6) becomes hot while water is being delivered and must be handled by the handle only.

1. Make sure the hot water spout is attached correctly (fig. 4).
2. Place a container under the spout (as close as possible to avoid splashes).

3. Press the  icon (B6, fig. 35). The message "Rinsing" "Hot water..." appears on the display (B1).
4. Press the  icon to select the "Hot Water..." function (a flashing arrow appears alongside the selected message on the display) and confirm the selection by pressing the **OK** icon (B5, fig. 2) (or cancel the selection by pressing **ESC** (B13)).
5. Water flows out of the spout. Delivery stops automatically after 250ml.
6. To interrupt delivery of hot water manually, press the  icon again.





Please note!

- If energy saving has been enabled, delivery could be delayed a few seconds.

11.2 Changing the quantity

The appliance is set by default to automatically deliver 250ml. To modify these quantities, proceed as follows:

1. Position a container under the hot water spout (C6).
2. Once the "Hot water" function has been selected, keep pressing the **OK** icon (B5, fig. 2) until "Hot water Program quantity" appears on the display (B1) and the  icon flashes.
3. When the hot water in the cup reaches the required level, press the  icon (B6, fig. 35) again.

The machine is now reprogrammed with the new quantities.

12. CLEANING

12.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:

- the appliance's internal circuit;
- grounds container (A16),
- drip tray (A14),
- the inside of the machine, accessible after opening the service door (A17),
- water tank (A11),
- coffee spouts (A18) and hot water connection nozzle (A9),
- pre-ground coffee funnel (A8),
- infuser (A10),
- milk container (D)
- touch screen (B)





Important!

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine. With De'Longhi superautomatic coffee machines, you need not use chemical products to clean the machine.
- None of the components of the appliance can be washed in a dishwasher with the exception of the milk container (D).

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

12.2 Cleaning the machine's internal circuit

If the appliance is not used for more than 3/4 days, before using it again, we strongly recommend switching it on and:

- performing 2/3 rinse cycles by pressing the  icon (B6, fig. 35) and confirming with the **OK** icon (B5, fig. 2);
- deliver hot water for a few seconds by pressing the  icon twice and confirming with the **OK** icon.

12.3 Cleaning the coffee grounds container

When "EMPTY GROUNDS CONTAINER" appears on the display (B1), the grounds container must be emptied and cleaned. Until the grounds container (A16) has been cleaned, the appliance continues to display the message and coffee cannot be made. 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 (A3) in the 0 position.

To clean (with the machine on):

- Open the service door on the front of the appliance (A17, fig. 36), extract the drip tray (A14, fig. 37), 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 (C5).



Important!

When removing the drip tray (A14), 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.

12.4 Cleaning the drip tray



Important!

If the drip tray (A14) 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. 38). Before the indicator protrudes from the cup tray, the drip tray must be emptied and cleaned.

To remove the drip tray:

1. Open the service door (A17, fig. 36);
2. Remove the drip tray and coffee grounds container (A16, fig. 37);
3. Empty the drip tray and grounds container and wash them;

- Put the drip tray complete with grounds container back in the appliance;
- Close the service door.

12.5 Cleaning the inside of the coffee machine



Danger of electric shock!

Before cleaning internal parts, the machine must be turned off (see section "7. Turning the appliance off") and unplugged from the mains power supply. Never immerse the coffee machine in water.

- Check regularly (about every 100 coffees) that the inside of the appliance (accessible after removing the drip tray, A14) is not dirty. If necessary, remove coffee deposits with the brush (C5) or a sponge.
- Remove all the residues with a vacuum cleaner (fig. 41).

12.6 Cleaning the water tank

- Clean the water tank (A11) regularly (about once a month) and whenever you replace the water softener filter (C4) (if provided) with a damp cloth and a little mild washing up liquid. Rinse thoroughly before filling the tank and putting it back in the appliance;
- Remove the filter (if present) and rinse with running water;
- Replace the filter (if provided), fill the tank with fresh water and replace the tank;
- (Models with water softener filter only) Deliver about 100ml of hot water to reactivate the filter.

12.7 Cleaning the coffee spouts

- Clean the coffee spouts (A18) with a sponge or cloth (fig. 39).
- Check that the holes in the coffee spouts are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 40).

12.8 Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel (A8) is not blocked. If necessary, remove coffee deposits with the brush (C5) supplied.

12.9 Cleaning the infuser

The infuser (A10) must be cleaned at least once a month.



Important!

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

- Make sure the machine is correctly turned off (see "7. Turning the appliance off").
- Open the service door (A17, fig. 36).

- Remove the drip tray (A14) and the grounds container (A16, fig. 37).
- Press the two coloured release buttons inwards and at the same time pull the infuser outwards (fig. 42).



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, put the infuser back in the appliance, inserting it in the support and onto the bottom pin (fig. 43); then press the word PUSH on the infuser until it clicks into place.



Please note!

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 figure 44.

- Once inserted, make sure the two coloured buttons have snapped out (fig. 45).
- Replace the drip tray and grounds container.
- Close the service door.

12.10 Cleaning the milk container

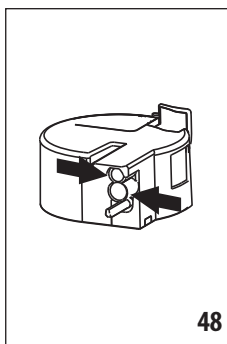
Clean the milk container (D) each time you prepare milk as described below:

- Turn the lid of the milk container (D2) clockwise then remove it.
- Remove the milk spout (D5) and intake tube (D4) (fig. 46).
- Remove the froth regulator (D1) by pulling it outwards (fig. 47).

- 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.

Make sure there are no milk residues left inside the holes (fig. 48) and the groove on the fine end of the froth regulator (fig. 47).



5. Check that the intake tube and spout are not clogged with milk residues.
6. Replace the container pointer, milk spout and intake tube.
7. Replace the lid on the milk container, turning it anticlockwise to hook it in place.

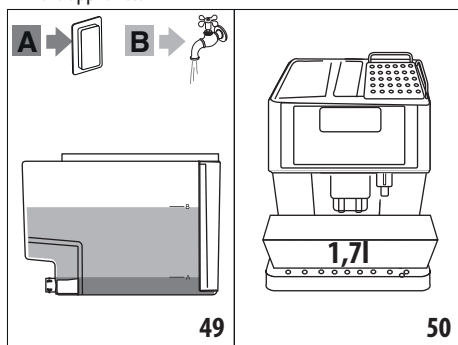
13. DESCALING

Descalc the machine when the message "DESCALE" flashes on the display (B1).



Important!

- Before use, read the instructions and the labelling on the descaler pack.
 - You should use De'Longhi descaler only. Using unsuitable descaler and/or performing descaling incorrectly may result in faults not covered by the manufacturer's guarantee.
1. Turn the appliance on and wait until it is ready for use.
 2. Enter the settings menu by pressing the **P** icon (B12).
 3. Press the ◀ (B16) or ▶ (B2) icon until "Descaling confirm?" is displayed.
 4. Confirm by pressing the **OK** icon (B5, (fig. 2). The message "Descaling Confirm?" is displayed;
 5. Press the **OK** icon again to confirm. "EMPTY DRIP TRAY" is displayed, alternating with "REMOVE FILTER" (if the filter is present) and "Add descaler Press OK";
 6. Empty the water tank (A11) completely and remove the water softener filter (C4), if present. Empty the drip tray (A14) and grounds container (A16), then put them back in the appliance.



7. Pour the descaler diluted with water (respecting the proportions indicated on the descaler pack) into the water tank (fig. 49).
8. Place an empty container with a minimum capacity of 1.7 litres under the hot water spout (A18, fig. 50).



Important! Danger of burns

Hot water containing acid flows out of the hot water spout. Avoid contact with splashes of water.

9. Press the **OK** icon to confirm that you have added the descaler solution. The message "Descale underway" is displayed and the descaling procedure begins. The descaler liquid comes out of the hot water spout (C6) and a series of rinses and pauses is performed to remove limescale deposits from inside the machine;

After about 25 minutes, the message "Rinsing FILL TANK" is displayed.

10. The appliance is now ready for rinsing through with clean water. Empty the container used to collect the descaler solution. Remove the water tank, empty, rinse under running water, fill with clean water up to the MAX level and put back in the appliance. "Rinsing, Press OK"; is displayed;
11. Place the container used to collect the descaler solution empty under the cappuccino maker (fig. 50);
12. Press the **OK** icon to start rinsing. Hot water flows out of the spout and the message "RINSING Please wait" is displayed.
13. When the water tank is completely empty, the message "Rinsing, "FILL TANK" appears on the display. Empty the container used to collect the rinsing water;
14. Remove the water tank, replace the water softener filter (if previously removed), fill the tank up to the MAX level with fresh water and insert it in the appliance. "RINSING Press OK" appears on the display;
15. Place the container used to collect the rinsing water empty under the hot water spout and coffee spouts (A18, fig. 50);
16. Press the **OK** icon to resume rinsing. Hot water is delivered first from the cappuccino maker, to continue and end with the coffee spouts and the message "RINSING Please wait" is displayed;
17. When it finishes, the message "Rinsing complete, Press OK" is displayed;
18. Press the **OK** icon. The appliance goes off. Empty the drip tray, remove and fill the water tank with fresh water to the MAX level and put back in the machine. Descaling is complete.



Please note!

- If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle.
- After descaling, it is normal for the grounds container (A16) to contain water.

14. SETTING WATER HARDNESS

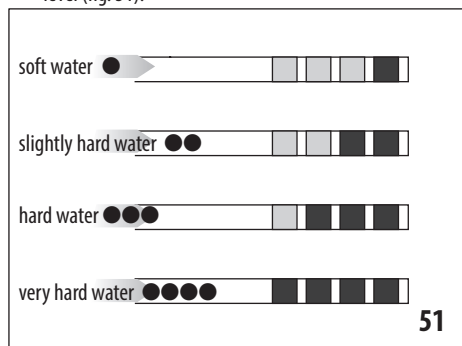
The DESCALE message is displayed after a period of time established according to water hardness.

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.

14.1 Measuring water hardness

1. Remove the "TOTAL HARDNESS TEST" indicator paper (C1) 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 1 level (fig. 51).



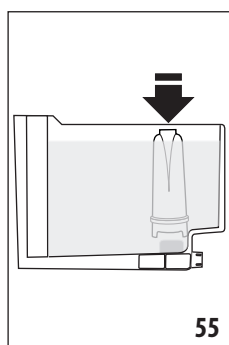
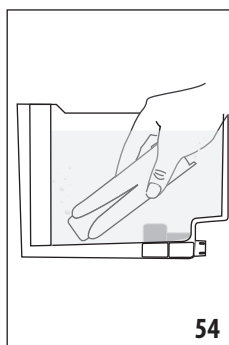
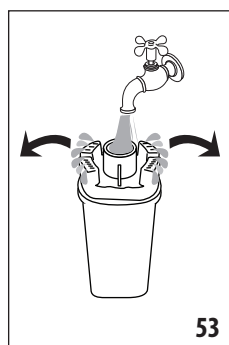
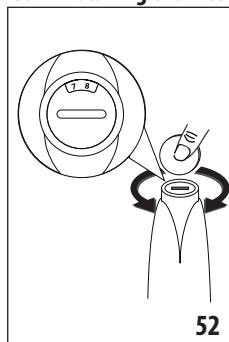
14.2 Setting water hardness

1. Press the **P** icon (B12) to enter the settings menu.
 2. Press the **◀** or **▶** icon (B2) and select "Water hardness".
 3. Confirm the selection by pressing the **OK** icon (B5, fig. 2).
 4. Press **◀** or **▶** to set the number of squares formed on the reactive strip (see figure in previous section).
 5. Press the **OK** icon to confirm the setting.
 6. Press the **ESC** icon (B13) icon to exit the menu.
- The machine is now reprogrammed with the new water hardness setting.

15. WATER SOFTENER FILTER (IF PRESENT)

Certain models are fitted with a water softener filter (C4). 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.

15.1 Installing the filter



1. Remove the filter (C4) from the packaging.
2. Turn the date indicator disk until the next 2 months of use are displayed (fig. 52).

i Please note

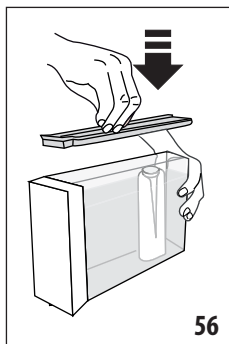
The filter lasts about two months if the appliance is used normally. If the coffee machine is left unused with the filter installed, it will last a maximum of 3 weeks.

3. To activate the filter, run tap water through the hole in the filter as shown in the figure until water comes out of the openings at the side for more than a minute (fig. 53).
4. Extract the tank (A11) from the appliance and fill with water.

5. Insert the filter upside down in the water tank and immerse it completely for about thirty seconds, to enable the air bubbles to escape (fig. 54).
6. Insert the filter in the filter housing and press as far as it will go (fig. 55).
7. Close the tank with the lid, then put the tank back in the machine (fig. 56).

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

8. Press the **P** icon (B12) to enter the menu;
9. Press the **◀** (B16) or **▶** (B2) icon until "Water filter Uninstalled" is displayed.
10. Press the **OK** icon (B5, fig. 2).



11. "Water filter, Install?" appears on the display (B1).
12. Press the **OK** icon to confirm the selection. "Insert water spout and press OK" is displayed.
13. Position a container under the hot water spout (C6) (min. capacity: 500 ml).
14. Press the **OK** icon to confirm. The appliance begins hot water delivery and the message "Please wait" is displayed.

15. After the flow of hot water stops, the appliance automatically resets to "Ready for coffee" status.
The filter is now active and you can use the coffee machine.

15.2 Replacing the filter

When "REPLACE FILTER" appears on the display (B1), after two months (see date indicator) or when the appliance has not been used for 3 weeks, you should replace the filter (C4):

1. Extract the tank (A11) and exhausted filter;
2. Take the new filter out of its packet and proceed as illustrated in points 3, 4, 5, 6 and 7 in the previous section.
3. Position a container with a minimum capacity of 500ml under the hot water spout (C6).
4. Press the P icon to enter the settings (B12);
5. Press the ◀ (B16) or ▶ (B2) icon until "Replace filter?" is displayed.

18. DISPLAYED MESSAGES

DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
FILL TANK	Insufficient water in the tank (A11).	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 Insert Water Spout and Press OK	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 (A1, fig. 11) 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 the OK icon (B5, fig. 2) to deliver water from the spout (C6) until it flows out normally.
	If the water softener filter (C4) is present, an air bubble may have been released inside the circuit, obstructing delivery.	Insert the hot water spout in the appliance and deliver a little water until the flow becomes regular.

6. Press the OK icon (B5, fig. 2).
 7. The message "Confirm?" is displayed.
 8. Press the OK icon to confirm;
 9. "Insert water spout and press OK:" is displayed;
 10. Press the OK icon to confirm. The appliance begins hot water delivery and the message "Please wait" is displayed.
 11. After the flow of hot water stops, the appliance automatically resets to "Ready for coffee" status.
- The new filter is now active and you can use the coffee machine.

16. TECHNICAL DATA

Voltage:	220-240 V~ 50/60 Hz max. 10A
Absorbed power:	1350W
Pressure:	1.5 MPa (15 bars)
Water tank capacity:	1.7 litres
Size LxDxH:	280x425x375 mm
Cord length:	1450 mm
Weight:	12.8 Kg
Beans container capacity:	250 g



This product complies with European regulation no. 1935/2004 on materials and articles intended to come into contact with food.

17. DISPOSING OF THE APPLIANCE



The appliance must not be disposed of with household waste, but taken to an authorised waste separation and recycling centre.


INSERT WATER SPOUT	The hot water spout (C6) is not inserted or is inserted incorrectly	Insert water spout as far as it will go.
EMPTY GROUNDS CONTAINER	The grounds container (A16) 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 (A14, fig. 37), 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.
INSERT GROUNDS CONTAINER	After cleaning, the grounds container (A16) has not been replaced.	Open the service door (A17, fig. 36), remove the drip tray and insert the grounds container.
ADD PRE-GROUND COFFEE	The pre-ground coffee function has been selected without placing any pre-ground coffee in the funnel (A8).	Place pre-ground coffee in the funnel or deselect the "pre-ground" function (fig. 19).
DESCALE	The machine must be descaled.	The descaling procedure described in section "13. Descaling" needs to be performed.
LESS COFFEE	Too much coffee has been used.	Select a lighter taste or reduce the quantity of pre-ground coffee.
DISPLAYED MESSAGE	POSSIBLE CAUSE	REMEDY
FILL BEANS CONTAINER	The coffee beans have run out.	Fill beans container.
	The pre-ground coffee funnel (A8) is clogged.	Empty the funnel with the help of the brush (C5) as described in section "9.9 Making espresso or long coffee using pre-ground coffee".
INSERT INFUSER ASSEMBLY	The infuser has not been replaced after cleaning.	Insert the infuser as described in section "12.9 Cleaning the infuser".
WATER CIRCUIT EMPTY FILL WATER CIRCUIT Insert water spout and press OK	The water circuit is empty	Insert the water spout (C6) and press OK (B5, fig. 2) to deliver water from the spout until it flows out normally. If the problem persists, make sure the water tank is fully inserted.
INSERT MILK CONTAINER	The milk container (D) is not inserted correctly.	Insert the milk container as far as it will go.
CLOSE DOOR	The service door (A17) is open.	Close the service door.
PRESS CLEAN BUTTON	Milk has been delivered recently and the tubes inside the milk container (D) must be cleaned.	Press the CLEAN button (D6) and keep it pressed until the progress bar which appears on the display (B1) together with the message "Cleaning Underway" is complete.
REPLACE FILTER	The water softener filter (C4) is exhausted.	Replace the filter or remove it as described in section "15.2 Replacing the filter".

ADD PRE-GROUND COFFEE Press OK	The pre-ground coffee function has been selected without placing any pre-ground coffee in the funnel (A8).	Place pre-ground coffee in the funnel.
	The funnel is clogged.	Empty the funnel with the help of a knife as described in section "12.8 Cleaning the pre-ground coffee funnel".
ENERGY SAVING	The function is active and reduces electricity consumption.	Disable the function from the menu (see section "8.3 Energy saving")
GENERAL ALARM	The inside of the appliance is very dirty.	Clean the inside of the appliance thoroughly, as described in section "12. Cleaning". If the message is still displayed after cleaning, contact a customer service centre.

19. 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	REMEDY
The coffee is not hot.	The cups were not preheated.	<ul style="list-style-type: none"> Enable the cup warmer and leave the cups at least 20 minutes to warm up. Warm the cups by rinsing them with hot water (using the hot water function).
	The infuser (A10) has cooled down because 2/3 minutes have elapsed since the last coffee was made.	Before making coffee, heat the infuser by pressing the  (B6) icon (see section "9.6 Tips for a hotter coffee").
	A low coffee temperature is set.	Set a high coffee temperature in the menu.
The coffee is not creamy enough.	The coffee is ground too coarsely.	Turn the grinding adjustment dial (A1, fig. 11) one click anticlockwise towards 1 while the coffee mill is in operation. 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 (A1, fig. 11). Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.
The coffee does not come out of the spouts (A18), but from around the service door	The holes in the spouts are clogged with dry coffee dust.	Clean the spouts with a toothpick (fig. 40), sponge or hard bristled kitchen brush.
	The coffee guide (A19) 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 (A1, fig. 11) one click anticlockwise towards 1 while the coffee mill is in operation . 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 or both of the spouts (A18).	The spouts are blocked.	Clean the spouts with a toothpick (fig. 40).
Water comes out of the spouts (A18) instead.	The ground coffee may be blocked in the funnel (A8)	Empty the funnel with the help of a knife as described in section "12.8 Cleaning the pre-ground coffee funnel".
The milk contains bubbles or squirts out of the milk spout	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 froth regulator (D1) is incorrectly adjusted.	Adjust following the instructions in the section on preparing drinks with milk.
	The milk container lid (D2) is dirty	Clean the milk container lid as described in sections "12. Cleaning" and "13. Descaling".
The milk is not frothed	The froth regulator (D1) is incorrectly adjusted	Adjust following the instructions in the section on preparing drinks with milk.
	The milk container lid (D2) is dirty	Place the ring in the CAPPUCCINO position.
The appliance does not come on	The plug (A12) is not plugged into the socket.	Plug into the mains socket.
	The main switch (A3) is not turned on.	Place the main switch in the I position (fig. 1).
The LONG coffee has too much froth	The coffee is ground too finely.	Turn the grinding adjustment dial (A1, fig. 11) one click clockwise towards 7 while the coffee mill is in operation . Continue one click at a time until coffee delivery is satisfactory. The effect is only visible after delivering 2 coffees.
Milk is not delivered from the milk spout	The milk container lid (D2) is dirty	Clean the milk container lid as described in the section "13. Descaling".
"Energy Saving" is enabled, but the cup warmer is hot	A number of beverages have been prepared in rapid succession	

20. 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.

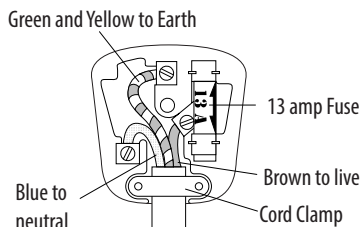
Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger.

Please note: 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:

GREEN AND YELLOW
BLUE
BROWN

EARTH
NEUTRAL
LIVE



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 as 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