



COFFEE MAKER

Instructions for use. Keep these instructions
ELECTRIC CHARACTERISTICS
120 V ~ 60 Hz 1250 W

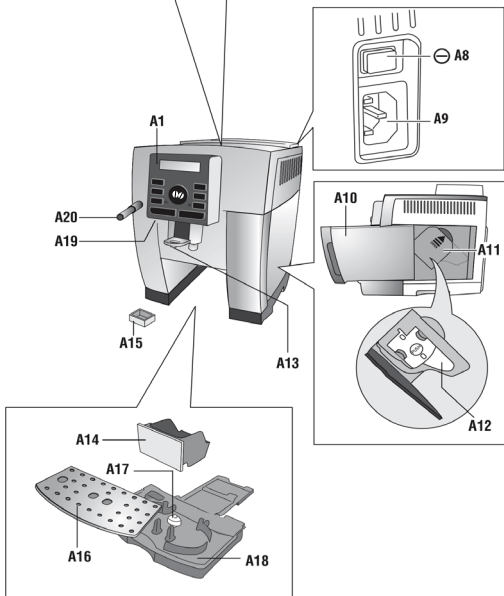
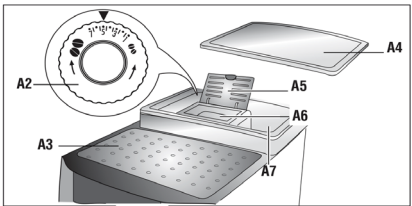
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Please read this manual carefully before operating
your unit and retain for future reference.

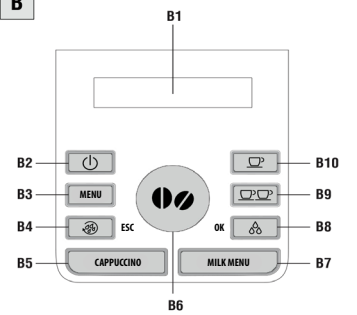
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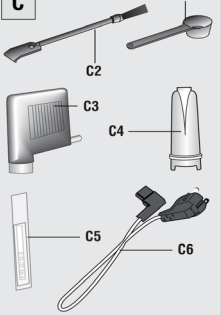


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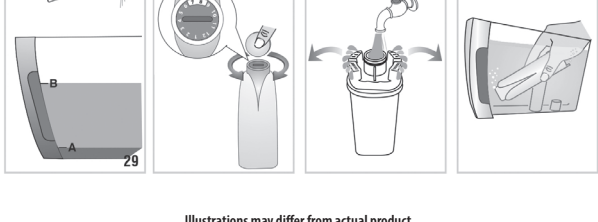
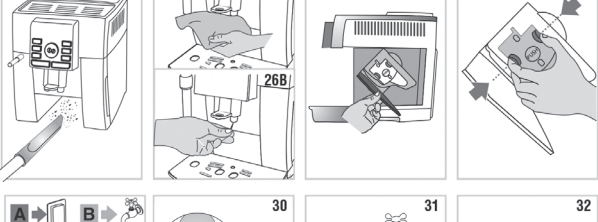
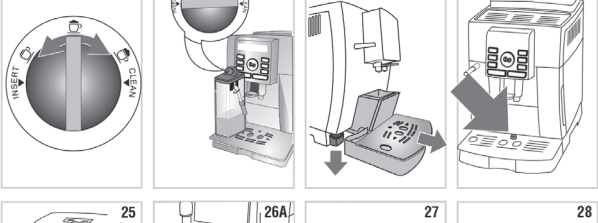
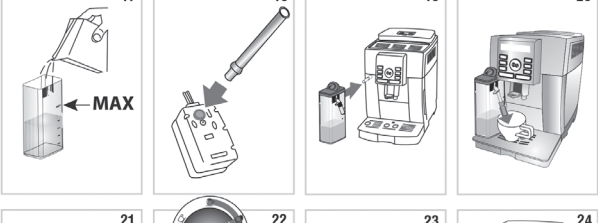
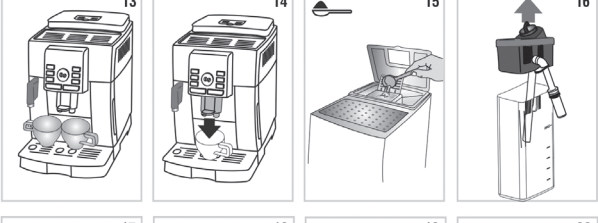
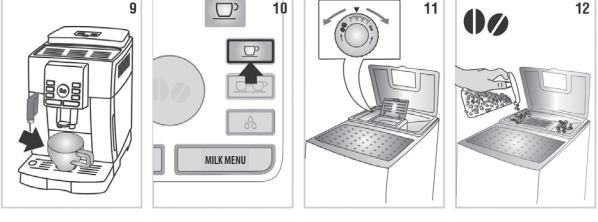
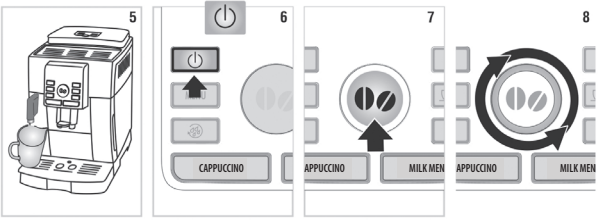
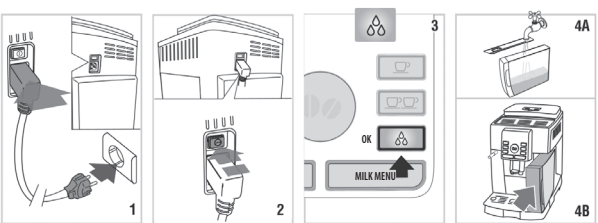
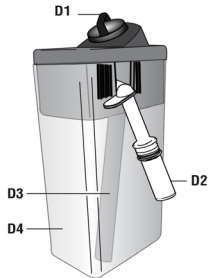
Note: The actual descriptions of control panel and their locations may vary depending on the model.

C



Note: Accessory type and quantity may vary depending on the model.

D



Illustrations may differ from actual product.

We are constantly striving to improve our products; therefore the specifications contained herein are subject to change without notice.

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following.

- Read all instructions carefully.
- Make sure the voltage of your electrical system corresponds to the voltage shown on the bottom of the machine.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug or appliance in water or other liquid.
- Keep the appliance out of the reach of children and do not leave appliance unattended while in operation.
- Unplug from the outlet when not in use and before cleaning.
- Do not operate with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Contact a service center.
- The use of accessory attachments not recommended by the manufacturer may result in fire, electrical shock, or personal injury.
- Do not use outdoors.
- Make sure the power cord does not hang over the edge of the table or counter-top to avoid getting accidentally caught or entangled.
- Do not place the appliance or its electrical parts on or near electric stoves, cooking surfaces, or gas burners.
- Plug cord into the wall outlet. To disconnect, first turn machine "off", then remove plug from wall outlet.
- Do not use the appliance for other than the intended use. This appliance is to be utilized for domestic use only. The manufacturer declines all responsibility for any damage caused by improper, incorrect, or irresponsible use.

WARNING: To reduce the risk of fire or electric shock, do not remove the cover or the exterior of the unit. Don't attempt to repair or modify the machine, doing so will void the warranty. Repair should be done by authorized service personnel only!

SAVE THESE INSTRUCTIONS

THIS APPLIANCE IS FOR HOUSEHOLD USE ONLY

SHORT CORD INSTRUCTIONS

- A short power cord is provided to reduce risks resulting from becoming entangled in or tripping over a longer cord.
- Longer, detachable power supply cords or extension cords are available and may be used if care is exercised in their use.
- If an extension cord is used, the marked electrical rating should be at least as great as the electrical rating of the appliance. Depending on the model version, the appliance may be provided with either a 2-wire polarized cord or a 3-wire grounding-type cord. If the appliance is provided with a 3-wire grounding-type cord, the extension cord should be a GROUNDING TYPE 3-WIRE CORD. The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over.
- Your product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

INTRODUCTION

Thank you for choosing this automatic 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.

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.

Troubleshooting and repairs

In the event of problems, first try and resolve them following the information given in the sections "Displayed messages" and "Troubleshooting". If this does not resolve the problem or you require further information, contact a service center.

DESCRIPTION

Description of the appliance

(A)

- Control panel
- Grinding adjustment dial
- Cup shelf (cup warmer active when selected from settings menu)
- Bean container lid
- Pre-ground coffee funnel lid
- Pre-ground coffee funnel
- Bean container
- Main switch
- Socket for power cable connector
- Water tank
- Infuser door
- Infuser
- Coffee spout (adjustable height)
- Coffee grounds container
- Condensate tray
- Cup tray
- Drip tray water level indicator
- Drip tray
- Cup lighting
- Hot water and steam connection nozzle

Description of the control panel

(B)

Some keys on the panel have a double function: this is shown in parenthesis inside the description.

- Display: guides the user in using the appliance.
- Button (): turns the appliance on and off.
- MENU button to access the menu
- Button (): to perform a rinse cycle.
(When in the settings MENU, it acts as the "ESC" button to exit from the selected function and go back to the main menu).
- CAPPUCCINO BUTTON: to prepare a cappuccino.
- Selection dial:
 - rotate to select the amount of coffee desired.
 - press to select the desired flavour.
(When in the settings MENU: turn to select the required function).
- MILK MENU button: to access preparation of MACCHIATO, CAFFELATTE, FLAT WHITE and MILK.
- Button (): to deliver hot water.
(When in the MENU: press the "OK" button to confirm the item chosen)
- Button (): to make 2 cups of coffee
- Button (): to make 1 cup of coffee

Description of the accessories

(C)

- Measure
- Cleaning brush
- Frothed milk spout (adjustable)
- Water softener filter (certain models only)
- "Total Hardness Test" indicator paper
- Power cable

Description of milk container

(D)

- Froth adjustment and CLEAN dial
- Frothed milk spout (adjustable)
- Milk intake tube
- Milk container

Note: Accessory type and quantity may vary depending on the model.

Note: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

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 a service center.

Installing the appliance

Important!

When installing 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 penetrating the appliance 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 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

Important!

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.

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 Instruction for use in the section "Setting water hardness".

- Plug the power cable connector into the socket at the back of the appliance and connect the appliance to the mains electricity supply (fig. 1) making sure the main switch on the back of the appliance is pressed (fig. 2).

You must first choose the language by turning the selection dial, or waiting until the languages scroll through on the display at intervals of about 3 seconds:

- When "English" appears, press the button (fig. 3) for a few seconds until "English set" is displayed.
- "FILL TANK": remove the water tank, fill to the MAX line with fresh water (fig. 4A), then replace in the appliance (fig. 4B).
- "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 under the hot water spout (fig. 5).
- "HOT WATER CONFIRM?" is displayed;
- Press the () button to confirm: the appliance delivers water from the spout then goes off automatically.
- The coffee machine is now ready for normal use.

Please note:

- 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.
- When making the first 5-6 cappuccinos, it is normal to hear the noise of boiling water; the noise will diminish.
- To enjoy your coffee even more and improve the performance of your appliance, we recommend installing a water softener filter as described in the section "Install filter". If your model is not provided with a filter, you can request one.

TURNING THE APPLIANCE ON

Please note:

Before turning the appliance on, make sure the main switch on the back of the appliance is pressed (fig. 2).

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 and is collected in the drip tray underneath. Avoid contact with splashes of water.

- To turn the appliance on, press the () button (fig. 6). The message "Heating up Please wait" is displayed.
- After heating, the message "Rinsing" is displayed; in this manner, besides heating the boiler, the appliance also heats the internal circuits by circulating hot water.
- The appliance is at temperature when the message indicating the flavour and quantity of coffee appears.

TURNING THE APPLIANCE OFF

Each time the appliance is turned off it performs an automatic rinse if a coffee has been prepared.

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

To turn the appliance off, press the () button (fig. 6). The appliance performs a rinse cycle then goes off (stand-by).

Please note:

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

- first turn the appliance off by pressing the () button (fig. 6);
- press the main switch (fig. 2).

Important!

Never press the main switch while the appliance is on.

MENU SETTINGS

Access the settings menu by pressing the MENU button; the following menu items are available:

Descaling

For instructions on descaling.

Install filter

For instructions on how to install the filter, see the section "Installing the filter".

Replacing the filter

For instructions on how to replace the filter, see the section "Replacing the filter".

Adjust time

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

- Press the MENU button to enter the menu;
 - Turn the selection dial (fig. 7) until "Adjust time" is displayed;
 - Press ();
 - Turn the selection dial to change the hours;
 - Press () to confirm;
 - Turn the selection dial to change the minutes;
 - Press () to confirm.
- The time is now set. Then press () to exit the menu.

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 already be set correctly.

- Press the MENU button to enter the menu;
 - Turn the selection dial until "Auto-start" is displayed;
 - Press (): "Enable" will appear on the display;
 - Press the () button to confirm;
 - Turn the selection dial to choose the hours;
 - Press () to confirm;
 - Turn the selection dial to change the minutes;
 - Press () to confirm;
 - Then press () to exit the menu.
- Once the time is confirmed, the auto-start activation is shown on the display with the () symbol that is displayed next to the time and below the Auto-start item on the menu.
- To disable the function:
- Select auto-start from the menu;
 - Press (): "Disable" will appear on the display;
 - Press the () button to confirm.
- The display no longer shows the () symbol.

Auto-Off

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

- Press the MENU button to enter the menu;
 - Turn the selection dial until "Auto-Off" is displayed;
 - Press ();
 - Turn the selection dial until the desired operation time is displayed (15 or 30 minutes, or 1, 2 or 3 hours);
 - Press the () button to confirm.
- Auto-off has been reprogrammed: press () to exit the menu.

Cup warmer

This function enables the cup warmer to be enabled or disabled. Proceed as follows:

- Press the MENU button to enter the menu;
 - Turn the selection dial until "Cup warmer" is displayed;
 - Press (): "Enable" or "Disable" is displayed;
 - Press () to enable or disable the cup warmer (an asterisk under "Cup Warmer" shows that it is active).
 - Then press the () button to exit the menu.
- Warning the cups keeps the coffee hot.

Energy saving

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

When energy saving mode is active, an asterisk appears below "Energy saving" in the menu.

- Press the MENU button to enter the menu;
 - Turn the selection dial until "Energy saving" is displayed;
 - Press (): "Enable" or "Disable" is displayed;
 - Press () to enable or disable the energy saving mode;
- Then press () to exit the menu.
- When the function is active, if the machine is not used for some time, "Energy saving" is displayed.

MAKING COFFEE

Selecting the coffee flavour

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

You can also choose one of these flavours:

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

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

Selecting the quantity of coffee in the cup

To select the quantity of coffee, turn the selection dial (fig. 8) until the message corresponding to the required quantity of coffee is displayed:

Coffee selected	Quantity in cup (ml)
MY COFFEE	≈30 (program. from ≈20 to ≈180)
SHORT	≈40
STANDARD	≈60
LONG	≈90
EXTRA LONG	≈120

Customising the "my coffee" quantity

The machine is preset to deliver about 30ml of "MY COFFEE". To modify this quantity, proceed as follows:

- Place a cup under the coffee spouts (fig. 9).
- Turn the selection dial (fig. 8) until "MY COFFEE" is displayed.
- Keep the () button (fig. 10) pressed until the message "1 MY COFFEE Program quantity" is displayed and coffee delivery begins. Release the button.
- As soon as the coffee in the cup reaches the required level, press the () button (fig. 10) again.

The quantity of coffee in the cup has now been programmed.

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 the coffee is either too weak and not creamy enough or delivery is too slow (in drips), 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.

If the coffee comes out too slowly or doesn't come out at all, turn the dial one time to number 7.
For fuller bodied creamier coffee, turn one click anticlockwise towards "1" (do not turn more than one click at a time otherwise the coffee could be delivered a drop at a time).

These adjustments will only be evident after at least 2 cups of coffee have been delivered. If this adjustment does not obtain the desired result, turn the dial another click.

Tips for a hotter coffee

For hotter coffee, you should:

- rinse before delivering coffee by pressing the () button: hot water will come out of the spout that heats the circuit inside the machine making the coffee hotter;
- warm the cups with hot water (using the hot water function);
- enable the cup warmer in the settings menu and leave the cups until they are warm;
- raise the coffee temperature in the settings menu.

Making 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.

- Fill the container with coffee beans (fig. 12).
- 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);
- Lower the spout as near as possible to the cups: this will make it creamier (fig. 14).
- Press the button corresponding to the number of coffees required (1 cup (), 2 cups ()).
- The preparation starts and the display shows the coffee selected and a progression bar that fills gradually as the coffee is prepared.

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

Please note:

While the appliance is making coffee, the flow can be interrupted at any moment by pressing any button.

- At the end of delivery, to increase the quantity of coffee in the cup, just press and hold one of the coffee buttons (within 3 seconds) () or ().

Please note:

For hotter coffee, consult the paragraph "Tips for a hotter coffee".

Important!

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

- Various alarm messages could be displayed while using the machine (FILL TANK, EMPTY GROUNDS CONTAINER, etc.). Their meaning is explained in the section "Displayed messages".

Making coffee using pre-ground coffee

- Important!**
- Never place coffee beans in the pre-ground coffee funnel as this could damage the appliance.
- 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.



- Please note:**
- When you use pre-ground coffee, you can only make one cup of coffee at a time.
- 1. Make sure the appliance is on.
- 2. Press the dial (fig. 7) repeatedly until "Pre-ground" is displayed.
- 3. Make sure the funnel is not blocked, then add one level measure of pre-ground coffee (fig. 15).
- 4. Place a cup under the coffee spouts.
- 5. Press the 1 cup dispensing button .
- 6. The preparation starts and the display shows the coffee selected and a progression bar that fills gradually as the coffee is prepared.

- Please note:**

If "Energy Saving" mode is enabled, you may have to wait a few seconds before the first cappuccino is dispensed.

MAKING CAPPUCCINO AND MILK BASED COFFEES

- Please note:**
- To avoid producing milk with poor froth or large bubbles, always clean the milk container lid and hot water connection nozzle as described in the section "Cleaning the milk container".

Filling and attaching the milk container

- Remove the lid (fig. 16);
 - Fill the milk container with a sufficient quantity of milk, not exceeding the MAX level marked on the handle (fig. 17). Each mark on the side of the container corresponds to 100 ml of milk.
- Please note:**
 - For a denser more even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).
 - If "Energy saving" mode is enabled, you may have to wait a few seconds before the first cappuccino is delivered.
 - Make sure the milk intake tube is correctly inserted in the bottom of the milk container lid (fig. 18).
 - Attach the lid back on the milk container.
 - Attach the container to the connection nozzle and push as far as it will go (fig. 19). The machine emits a beep.
 - Place a sufficiently large cup under the coffee and frothed milk spouts. Adjust the length of the milk spout. To move it nearer the cup, simply pull it downwards (fig. 20).
 - 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. 21). Follow the tips in the table below:

Dial position	Description	Recommended for...
	No froth	CAFFELATTE / MILK (hot milk)
	Min. froth	LATTE MACCHIATO / FLAT WHITE
	Max. froth	CAPPUCCINO / MILK (frothy milk)

Preparing cappuccino

- After attaching the milk container, turn the froth regulator on the milk container lid to the required position (fig. 21).
- Press the CAPPUCCINO button. "CAPPUCCINO" is displayed, together with a progress bar which fills gradually as preparation proceeds.
- After dispensing the milk, the machine automatically makes the coffee.

- Please note:**
- If during dispensing you want to stop preparation, press the CAPPUCCINO BUTTON TWICE.
- At the end of delivery, to increase the quantity of milk or coffee in the cup, within 3 seconds, press and hold the CAPPUCCINO button.
- Do not leave the milk container out of the refrigerator for long periods. The warmer the milk (5°C is ideal), the poorer the quality of froth produced.

Making CAFFELATTE/MACCHIATO/FLAT WHITE/ MILK

- After attaching the milk container, turn the froth regulator on the milk container lid to the required position (fig. 21).
- Press MILK MENU.
- Turn the selection dial until the required drink is displayed (CAFFELATTE, MACCHIATO, FLAT WHITE, MILK);
- Press MILK MENU to confirm: the display will show the name of the drink selected and a progression bar that fills gradually as the coffee is prepared.
- After a few seconds, milk is dispensed from the milk spout into the cup below. Milk dispensing stops automatically and (if needed for the drink), coffee delivery starts.

- Please note:**
- Milk or coffee dispensing can be interrupted at any time by pressing the CAPPUCCINO or MILK MENU button according to the drink selected.
- At the end of delivery, to increase the quantity of milk or coffee in the cup, within 3 seconds, press one of the buttons for milk-based drinks.
- Do not leave the milk container out of the refrigerator for long periods. The warmer the milk (5°C is ideal), the poorer the quality of froth produced.

Cleaning the milk container after each 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.

"SET DIAL TO CLEAN" flashes on the display each time you use a milk function. To eliminate all milk residues, proceed as follows:

- 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. 22). A progress bar appears and gradually fills as the operation proceeds together with "Cleaning underway". Cleaning 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.
- Please note:**
 - To prepare a number of cappuccinos or milk based 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.

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:

- Place a cup under the coffee spouts and milk spout.

Programming cappuccino:

- Hold the CAPPUCCINO button until the message "CAPPUCCINO PROGRAM MILK" IS DISPLAYED.
- The appliance starts dispensing milk. Release the button.
- Once the required quantity of milk has been delivered into the cup, press the CAPPUCCINO button again.
- After a few seconds, the appliance starts delivering coffee into the cup and the message " CAPPUCCINO PROGRAM COFFEE" is displayed.
- Once the required quantity of coffee has been delivered into the cup, press the CAPPUCCINO button.

Coffee delivery stops and the machine is "ready for use" again. This completes programming.

Programming the MILK MENU drinks:

- Press MILK MENU.
- Turn the selection dial until the drink you want to programme again is displayed (CAFFELATTE, MACCHIATO, FLAT WHITE, MILK);
- Hold down the MILK MENU button for a few seconds until " (DRINK) PROGRAM MILK" IS DISPLAYED.
- The appliance starts dispensing milk. Release the button.
- Once the required quantity of milk has been delivered into the cup, press the MILK MENU button again.
- After a few seconds, if required by the drink, the appliance starts delivering coffee into the cup and the message " (DRINK) PROGRAM COFFEE" is displayed.
- Once the required quantity of coffee has been delivered into the cup, press the MILK MENU BUTTON.

Coffee delivery stops and the machine is "ready for use" again. This completes programming.

MAKING HOT WATER

- Danger of burns!**
- Never leave the machine unsupervised while hot water is being delivered.

- Make sure the hot water spout is attached correctly.
- Place a container under the water spout (as close as possible to avoid splashes) (fig. 5).
- Press the button. "Hot water" is displayed, together with a progress bar which fills gradually as preparation proceeds.
- Hot water delivery begins and then stops automatically. To manually stop dispensing hot water, press .

- Please note:**
- If "Energy saving" mode is active, you may have to wait a few seconds before the hot water is delivered.

Changing the quantity of water delivered automatically

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

- Make sure the hot water spout is attached correctly.
- Position a container under the spout.
- Press and hold the button until "HOT WATER Program quantity" is displayed, then release.
- When the hot water in the cup reaches the required level, press the BUTTON.

The machine is now reprogrammed with the new quantity.

CLEANING

Cleaning the machine

The following parts of the machine must be cleaned regularly:

- coffee grounds container (A14),
- drip tray (A18) and condensate tray (A15),
- water tank (A10),
- coffee spouts (A13) and hot water nozzle (A20),
- pre-ground coffee funnel (A6),
- inside of the machine, accessible after opening the infuser door (A11),
- infuser (A12),
- milk container (D)

- Important!**

- Do not use solvents, abrasive detergents or alcohol to clean the appliance. With De'Longhi superautomatic bean to cup espresso and cappuccino machines, you need not use chemical products to clean the machine.
- None of the components can be washed in a dishwasher.
- Do not use metal objects to remove encrustations or coffee deposits as they could scratch metal or plastic surfaces.

Cleaning the coffee grounds container

When "EMPTY GROUNDS CONTAINER" is displayed, the grounds container must be emptied and cleaned. Until the grounds container has been cleaned, the appliance continues to display the message and coffee cannot be made.

To clean (with the machine on):

- Remove the drip tray (fig. 23), 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.
- Check the condensate tray and empty if necessary.

- 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 and condensate tray

- Important!**

The drip tray is fitted with a level indicator (red) showing the level of water it contains (fig. 24). Before the indicator protrudes from the cup tray, the drip tray must be emptied and cleaned, otherwise the water may overflow the edge and damage the appliance, the surface it rests on or the surrounding area.

To remove the drip tray:

- Remove the drip tray and grounds container (fig. 23);
- Empty the drip tray and grounds container and wash them;
- Check the condensate tray and empty if necessary.
- Replace the drip tray complete with grounds container.

Cleaning the inside of the coffee 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.

- Check regularly (about once a week) 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.
- Remove the residues with a vacuum cleaner (fig. 25).

Cleaning the water tank

- Clean the water tank (A10) regularly (about once a month) and whenever you replace the water softener filter (if provided) with a damp cloth and a little mild washing up liquid.
- 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.

Cleaning the coffee spouts

- Clean the coffee spouts with a sponge or cloth (fig. 26A).
- Check the holes in the coffee spout are not blocked. If necessary, remove coffee deposits with a toothpick (fig. 26B).

Cleaning the pre-ground coffee funnel

Check regularly (about once a month) that the pre-ground coffee funnel (A6) is not blocked. If necessary, remove coffee deposits with the brush supplied (C2).

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.
- Make sure the machine is correctly turned off (see "Turning off").
- Extract the water tank.
- Open the infuser door (fig. 27) on the right side of the appliance.
- Press the two red release buttons inwards and at the same time pull the infuser outwards (fig. 28).

- Important!**

- RINSE WITH WATER ONLY NO WASHING UP LIQUID - NO DETERGENTS - NO DISHWASHER
- Clean the infuser without using washing up liquid as it could be damaged.
- Soak the infuser in water for about 5 minutes, then rinse under the tap.
- Use the brush to remove any coffee residues left in the infuser housing, visible through the infuser door.
- After cleaning, replace the infuser by sliding it onto the internal support, then push the PUSH symbol fully in until it clicks into place.

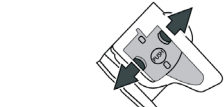
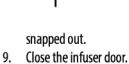
infuser support



- Please note:**

If the infuser is difficult to insert, before insertion, adapt it to the right size by pressing the two levers shown in the figure.

- Once inserted, make sure the two red buttons have snapped out.
- Close the infuser door.



- Replace the water tank.

Cleaning the milk container

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

- Remove the lid.
- Remove the milk spout and intake tube.
- Turn the froth adjustment dial clockwise to the "INSERT" position (see figure) and pull off upwards.
- 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 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).
- 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 lid back on the milk container.

Cleaning the hot water/steam nozzle

Each time you prepare milk, clean the nozzle with a sponge to remove milk residues from the gaskets (see figure alongside).

DESCALING

Descalc the machine when the message "DESCALE" FLASHES ON THE DISPLAY.

- Important!**

- Descaler contains acids which may irritate the skin and eyes. 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.
- 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.

- Turn the machine on.
- Press the MENU button to enter the menu.
- Turn the selection dial until "Descalc" is displayed.
- Select by pressing the button : "Descalc Confirm?" is displayed. Press again to enable the function.
- The message "Add descaler Confirm?" is displayed, alternating with "EMPTY THE DRIP TRAY" and "REMOVE FILTER" (if the filter is present).
- Empty the water tank (A10) completely and remove the water softener filter (if present). Empty the drip tray (fig. 23) and grounds container, then put them back in the appliance.
- Pour the descaler into the water tank up to the level A (corresponding to a 100 ml pack) marked on the back of the tank (fig. 29), then add water (1 litre) up to level B (fig. 29). Replace the water tank.
- Place an empty container with a minimum capacity of 1.5 litres under the hot water spout (fig. 5).

- Danger of burns!**

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

- Press the button to confirm that you have added the solution.
- The message "Descalc underway" is displayed. 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 to remove limescale deposits from inside the machine.

After about 30 minutes, the message "Rinsing" "INSERT FILTER" (if present), "FILL TANK" is displayed.

- The appliance is now ready for rinsing through with clean water. Extract the water tank, empty, rinse under running water, fill with clean water up to the MAX level, insert the filter (if removed previously) and put the water tank back in the machine. "RINSING Confirm?" is displayed.
- Empty the container used to collect the descaler solution and replace it empty under the cappuccino maker.
- Press the button to starting rinsing. Hot water flows out of the spout and the message "RINSING PLEASE WAIT" is displayed.
- When the water tank is completely empty, the message "Rinsing complete Confirm?" is displayed.
- Press the button to confirm. "FILL TANK" is displayed. Fill and replace the water tank.
- "Heating up Please wait" is displayed at the end of which the machine will be ready for use.

Note: Descaler is not included

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. The machine can also be programmed according to the hardness of the mains water in the various regions so that the machine needs to be descaled less often.

Measuring water hardness

- Remove the "TOTAL HARDNESS TEST" indicator paper from its pack (attached to the English instructions).
- Immerse the paper completely in a glass of water for one second.
- Remove the paper from the water and shake lightly. After about a minute, 1, 2, 3 or 4 red squares appear, depending on the hardness of the water: each square corresponds to one level.

soft water

slightly hard water

hard water

very hard water

Set water hardness

- Press the MENU button to enter the menu;
- Turn the selection dial until "Water Hardness" is displayed;
- Press the button.
- Turn the selection dial and set the number of squares measured by the indicator paper (see figure in previous paragraph).
- Press the button to confirm the setting.
- Then press the button to exit the menu.

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

WATER SOFTENER FILTER

Some models come supplied with the water softener filter. If this is not the case with your model, we recommend purchasing one.

To use the filter correctly, follow the instructions below.

Installing the filter

- Remove the filter from the packaging.
- Turn the date indicator disk (see fig. 30) until the next two months of use are displayed.

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

- 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. 31).
- Extract the tank from the appliance and fill with water.
- Insert the filter in the water tank and immerse it completely for about ten seconds, sloping it to enable the air bubbles to escape (fig. 32).
- Insert the filter in the filter housing and press as far as it will go.

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

- Press the MENU button to enter the menu;
- Turn the selection dial until "Install filter" is displayed;
- Press the button.
- "Enable?" is displayed;
- Press the button to confirm the selection. "HOT WATER CONFIRM?" is displayed;
- Position a container with a minimum capacity of 500ml under the hot water spout.
- Press the button to confirm the selection. The appliance begins hot water delivery and the message "Please wait" is displayed.
- After delivery, the appliance is automatically ready to make the next drink.

The new filter is active and indicated by an asterisk displayed under "Install filter" in the menu. You can now use the appliance.

Replacing the filter

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

- Extract the tank and exhausted filter;
- Take the new filter out of its packet and proceed as illustrated in points 2, 3, 4, 5 and 6 in the previous section.
- Position a container with a minimum capacity of 500ml.
- Press the MENU button to enter the menu;
- Turn the selection dial until "Replace filter" is displayed.
- Press the button.
- Confirm?" is displayed.
- Press the button to confirm the selection;
- "HOT WATER Confirm?" is displayed;
- Press the button to confirm the selection. The appliance begins hot water delivery and the message "Please wait" is displayed.
- 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:

- Extract the tank and exhausted filter;
- Press the MENU button to enter the menu;
- Turn the selection dial until "Install filter" is displayed;
- Press the button.
- "Disable?" is displayed;
- Press to confirm and to exit the menu.

TECHNICAL DATA

Voltage:	120 V~ 60 Hz max. 10A	Size: LxHxD:	238x351x430 mm
Absorbed power:	1250W	Cable length:	1,75 m
Pressure:	15 bar	Weight:	9,1 kg
Max. water tank capacity:	1.8 litres	Max. beans container capacity:	250 g

DISPLAYED MESSAGES

MESSAGE DISPLAYED	POSSIBLE CAUSE	SOLUTION
FILL TANK	Insufficient water in the tank.	Fill the tank with water and/or insert it correctly, pushing it as far as it will go until it clicks into place (fig. 4).
EMPTY GROUNDS CONTAINER	The grounds container (A14) is full.	Empty the grounds container and drip tray, clean and replace (fig. 23). 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.
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 (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 (see the grinding adjustment section) If the problem persists, make sure the water tank is fully inserted, press the button and deliver a little water from the spout.
INSERT GROUNDS CONTAINER	After cleaning, the grounds container has not been replaced.	Remove the drip tray and insert the grounds container.
ADD PRE-GROUND COFFEE	With the pre-ground function selected, pre-ground coffee has not been poured into the funnel.	Add pre-ground coffee in the funnel or deselect the pre-ground function.
DESCALE	The machine must be descaled.	The descaling procedure described in the section "Descaling" needs to be performed as soon as possible.
LESS COFFEE	Too much coffee has been used.	Select a milder flavour or reduce the quantity of pre-ground coffee.
FILL BEANS CONTAINER	The coffee beans have run out. The pre-ground coffee funnel is clogged.	Fill the beans container. Empty the funnel with the help of a brush as described in the section "Cleaning the pre-ground coffee funnel".
INSERT INFUSER ASSEMBLY	The infuser has not been replaced after cleaning.	Insert the infuser as described in the paragraph "Cleaning the infuser".
INSERT TANK	The tank was not inserted properly.	Insert the tank correctly and press as far as it will go.
GENERAL ALARM	The inside of the appliance is very dirty.	Clean the inside of the appliance thoroughly, as described in the section "Cleaning". If the message is still displayed after cleaning, contact a service center.
REPLACE FILTER	The water softener filter is exhausted. The water circuit is empty.	Replace the filter or remove it as described in the section "Water softener filter". Press OK to deliver water from the spout until it flows out normally.
EMPTY CIRCUIT FILL CIRCUIT alternating with HOT WATER Confirm?		Press OK to deliver water from the spout until it flows out normally.
SET DIAL TO CLEAN	Milk has been delivered recently and the tubes inside the milk container must be cleaned.	Turn the froth adjustment dial to CLEAN.
INSERT WATER SPOUT	The hot water spout is not inserted or is inserted incorrectly.	Insert the water spout (C3) as far as it will go.
INSERT MILK CONTAINER	The milk container is not inserted correctly.	Insert the milk container (fig. 19) as far as it will go.

REFURBISHED PRODUCT LIMITED NINETY DAYS WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished.

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of NINETY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the **Refurbished Product Service Center** will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered, or tampered with.

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise.

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

Refurbished Product Service Center
9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154

WARRANTY REPAIR INFORMATION

Refurbished Product Service Center,
Att: Customer Service Department 9043 Siempre Viva Rd Suite 110/120, San Diego CA, 92154

Your unit will be promptly repaired and returned to you.

We will refuse to accept delivery of the returned unit unless the assigned RA number appears on the outside of the shipping carton.

Owner's Information
(Keep for your permanent records)

NAME: _____ ADDRESS: _____
CITY: _____ STATE: _____ ZIP CODE: _____ PHONE: _____
E-MAIL: _____ MODEL: _____ SERIAL NO.: _____

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