

Before using the appliance, always read the safety warnings.

## 1. DESCRIPTION

### 1.1 Description of the appliance

(page 3 - A )

- A1. Cup shelf/Cup warmer
- A2. Milk container/water spout connector
- A3. Main switch
- A4. Power cord connector socket
- A5. Boiler outlet/Infuser assembly
- A6. Water tank housing
- A7. Water tank lid
- A8. Water tank with water filter housing
- A9. "No water" indicator
- A10. Drip tray
- A11. Drip tray max. water level indicator
- A12. Cup tray
- A13. Sliding compartment for macchiato/caffelatte glass
- A14. Cup warmer button




### 1.2 Description of control panel

(page 3 - B )

- B1. ON/Stand-by button
- B2. ON/Stand-by light
- B3. 1 cup button
- B4. Temperature OK/1 cup light
- B5. 2 cups button
- B6. Temperature OK/2 cups light
- B7. Hot water button
- B8. Hot water light
- B9. Cappuccino/hot milk button
- B10. Temperature OK/cappuccino/hot milk light
- B11. Macchiato/hot milk button
- B12. Temperature OK/macchiato/hot milk light

### 1.3 Description of the accessories

(page 2 - C )

- C1. Filter holder
- C2. 1 coffee froth filter 
- C3. 2 coffee froth filter 
- C4. ESE pod froth filter 
- C5. Power cord (removable)
- C6. Measure/pressure
- C7. Removable hot water spout
- C8. Water hardness indicator paper (Total Hardness test)
- C9. Descaler
- C10. Water softener filter

## 1.4 Description of the milk container

(page 2 - D )




- D1. Milk frother lid
- D2. CLEAN button
- D3. Milk spout
- D4. Milk intake tube
- D5. Milk container

## 2. FILLING THE WATER TANK



1. Extract the water tank (A8) and fill with fresh clean water, taking care not to exceed the MAX level (fig. 1).
2. Then put the tank back in the machine (fig. 2).

**Important: never operate the appliance without water in the tank or without the tank.**

## 3. SETTING UP THE APPLIANCE

1. Plug the power cord connector into the socket at the back of the appliance (fig. 3), then plug the plug into the mains socket.
2. Attach the filter holder to the appliance. To attach correctly, align the filter holder handle with the  OPEN symbol (fig. 4), then rotate the handle to the right until it is aligned with the  CLOSE symbol (fig. 5);
3. Place the main switch on the back of the appliance in the I position;
4. At the end of the self-diagnosis cycle, the "hot water" light (B8) flashes and the other lights go off. The appliance indicates that the hot water spout must be inserted (C7) (fig. 6);
5. Place a container with a minimum capacity of 100 ml under the spout (fig. 7);
6. Press the "hot water"  button (B7). Delivery begins, then stops automatically;

**Please note: if the  (B2) and  (B8) lights flash, press the  button again.**

7. To rinse the internal circuits of the appliance, place a recipient under the coffee spout and press the  button (B5). Repeat five times;
8. Now rinse the "steam" circuit. Place a recipient under the hot water spout (fig. 7) and press the  button. Repeat five times. (If necessary, refill the tank).

**Please note: we also recommend rinsing the internal circuits through if the appliance is not used for a long period.**

## 4. ACTIVATING THE WATER SOFTENER FILTER

Certain models are fitted with a water softener filter (C10). 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.

1. Remove the filter from the packaging;



- Turn the date disk (fig. 8) to display the next 2 months of use;


**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 no longer than 3 weeks.

- To activate the filter, run tap water through the hole in the filter (fig. 9) until water comes out of the openings at the side for more than a minute;
- Extract the tank (A8) (if necessary fill with water);
- Insert the filter in the water tank and immerse it completely for about ten seconds, sloping it and pressing it lightly to enable the air bubbles to escape (fig. 10);
- Place the filter in the filter housing (fig. 11) and press as far as it will go. Close the tank with the lid, then replace the tank in the machine;

The filter is now active and the coffee machine can be used.



## 5. MENU SETTINGS

To access the menu, make sure the appliance is in stand-by, then press the  (B1) and  (B3) buttons together until the ON/Stand-by light (B2) flashes. The appliance is now in programming mode.

Set the coffee machine as you wish, then exit the settings menu by pressing the  button.

### 5.1 Setting the temperature


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

- Access the settings menu;
- Press the  button (B5) and hold it down until the lights corresponding to the required temperature come on (see "Temperature and stand-by regulation table" at the end of the next section);
- When the lights corresponding to the required selection come on, release the button;
- Then press the  button to turn the appliance off (stand-by).













### 5.2 Adjusting the stand-by interval

If the appliance is not used for a certain period of time (variable according to the model), it turns off automatically (the ON/Stand-by light goes out).

Auto-off can be set so that the appliance goes off after a certain period of time. Proceed as follows:

- Access the settings menu;
- Press the  button (B3) and hold it down until the lights corresponding to the required idle period come on (see table);
- When the lights corresponding to the required selection come on, release the button.


- Then press the  button (B1) to turn the appliance off (stand-by).

























Temperature and stand-by regulation table		
Temperature	Corresponding lights	Stand-by after
Low	 • 	15 minutes
Medium	 •   • 	75 minutes
High	 •   •   • 	3 hours

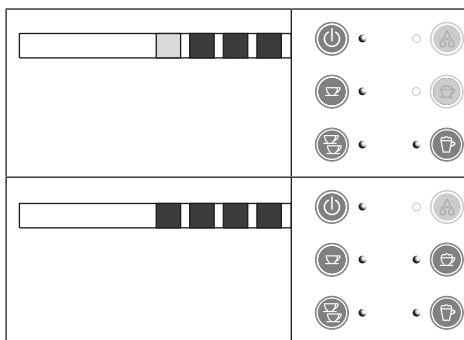
### 5.3 Setting water hardness


The "descale" lights come on after a period of use established according to water hardness.

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. Proceed as follows:

- Remove the "TOTAL HARDNESS TEST" indicator paper (C8) from its pack;
- 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 form, depending on the hardness of the water (4 red squares = very hard water);
- Access the settings menu;
- After reading the result from the strip, press and hold the "hot water"  button (B7) until the lights come on according to the following table;


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- When the lights corresponding to the water hardness measured come on, release the button;
- Then press the  button to turn the appliance off (stand-by).

**Please note:** If the water softener filter is being used correctly, set the appliance to a lower hardness level than that measured on the indicator paper.


## 6. ON/STAND-BY


When the main switch (A3) is in the I position, turn the appliance on and off (stand-by) by pressing the  button (B1). The appliance goes off (stand-by) automatically after a certain period of time (see section "5.2 ADJUSTING THE STAND-BY INTERVAL").



## 7. HOW TO MAKE ESPRESSO COFFEE USING PRE-GROUND COFFEE.

- Place the ground coffee filter (C2) or (C3) in the filter holder (C1) (fig. 12). Use the  filter to make one coffee or the  filter to make two coffees;
- To make just one coffee, place one level measure of pre-ground coffee (about 7 g) in the filter. (fig. 12). To make two coffees, place two loosely filled measures (about 6+6 g) of pre-ground coffee in the filter. Fill the filter a little at a time to prevent the pre-ground coffee from overflowing;

**Important:** for correct operation, before filling with pre-ground coffee, make sure there are no coffee residues left in the filter from the last time you made coffee.

- Distribute the ground coffee evenly and press gently down with the presser (fig. 13). Correct pressing of the pre-ground coffee is essential to obtain a good espresso. If pressing is excessive, coffee delivery will be slow and the froth will be dark. If pressing is too light, coffee delivery will be too rapid and the froth will be skimpy and light coloured;
- Remove any excess coffee from the rim of the filter holder and attach the filter holder to the appliance. To attach correctly, align the filter holder handle with the  OPEN symbol (fig. 4), attach the filter holder and rotate the

handle towards the right until aligned with the  CLOSE symbol (fig. 5);

- Place the cup or cups under the filter holder spouts (fig. 14). You are recommended to warm the cups before making coffee by rinsing them with a little hot water;
- Make sure the lights corresponding to the coffee buttons are on, then press the coffee button ( (B3) or  (B5)). The appliance makes the coffee and delivery stops automatically.


**Please note:**

- While the appliance is making coffee, delivery can be interrupted at any moment by pressing the coffee button pressed previously.
- At the end of delivery, to increase the quantity of coffee in the cup, just press and hold (within 3 seconds) the coffee button pressed previously.
- To remove the filter holder, turn the handle from right to left.

**Danger of scalding** To avoid splashes, never remove the filter holder while the appliance is delivering coffee. Wait for a few seconds after delivery.



## 8. HOW TO PREPARE ESPRESSO COFFEE USING PODS

**Please note:** use pods conforming to the ESE standard, indicated on the pack by the following symbol. The ESE standard is a system accepted by leading pod producers and enables espresso coffee to be prepared simply and cleanly.

- Place the pod coffee filter (C4) () in the filter holder (C1);
- Insert a pod, centring it as far as possible in the filter (fig. 15). Always follow the instructions on the pod pack to position the pod on the filter correctly;
- Attach the filter holder to the appliance. Always turn as far as it will go (fig. 5);
- Proceed as in points 5 and 6 in the previous section.


## 9. PROGRAMMING THE QUANTITIES OF COFFEE 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 (A5);
- Press and hold the button you want to programme ( (B3) or  (B5)). The appliance starts delivering coffee;
- Once the required quantity of coffee has been delivered into the cup, release the button. Delivery stops.

The machine is now reprogrammed with the new quantities.

## 10. CUP WARMER (fig. 16)

The cup warmer is activated by pressing the  button. Leave the cups on the cup warmer until they are warm. This helps to make hot coffee.

## 11. MAKING CAPPUCCINOS AND MILK-BASED COFFEES

**Please note:** To avoid producing milk with poor froth or large bubbles, always clean the milk container lid (D1) and hot water connection nozzle (A2) as described in sections "11.2 CLEAN THE MILK FROTHER BY USING THE CLEAN BUTTON", "13.7 CLEANING THE MILK CONTAINER" and "13.8 CLEANING THE MILK CONTAINER/ WATER SPOUT CONNECTOR".

### 11.1 Filling and attaching the milk container

1. Remove the lid (D1) (fig. 1);
2. Fill the milk container (D5) with a sufficient quantity of milk, without exceeding the MAX level of 0.5 l (fig. 18). Each mark on the side of the container corresponds to 100ml of milk;

**Please note:** For a denser more even froth, you must use skimmed or partially skimmed milk at refrigerator temperature (about 5°C).

3. Make sure the milk intake tube (D4) is correctly inserted in the bottom of the milk container lid (fig. 19);
4. Place the lid back on the milk container;
5. Remove the hot water spout (fig. 20);
6. Attach the milk container to the connector (A2), pushing as far as it will go (fig. 21);
7. Set the machine up to make coffee (see section "7. HOW TO MAKE ESPRESSO COFFEE USING PRE-GROUND COFFEE" up to point 5);
8. Place the cup for cappuccino or glass for macchiato under the coffee spout (A5) and place the milk spout (D3) in the correct position (fig. 22). If you are using tall cups or glasses, use the glass compartment (A13) (fig. 23);
9. Adjust the froth regulator according to the amount of froth required and type of milk used (fig. 24);

**To make CAPPUCCINO:** press the  button (B9).

**To make MACCHIATO:** press the  button (B11).



9. After delivering the frothed milk, the machine automatically makes the coffee.

**Please note:**

- To make hotter cappuccino, we recommend pressing the CLEAN button to first heat the milk frother circuits (see following section).
- When making cappuccino or macchiato, the appliance delivers first the milk, then the coffee. To interrupt the current delivery, press the button pressed previously.
- At the end of delivery, to increase the quantity of milk or coffee in the cup, just press and hold (within a few seconds) the button corresponding to the drink being made.
- 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.

### 11.2 Clean the milk frother by using the CLEAN button

Each time you make drinks with milk, clean the appliance to eliminate all milk residues. Proceed as follows:

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 (D3);
3. Press and hold the "CLEAN" button (D2) (fig. 25). The  (B9) and  (B11) lights flash. When the lights stop flashing and the appliance is ready for use again, release the CLEAN button. The steam cleans the internal circuits of the milk frother.

### 11.3 Programming the quantity of coffee and milk in the cup for cappuccino or milk


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 (A5) and milk spout (D3);
2. Press and hold the button corresponding to the drink with milk you want to programme. After a few seconds, the appliance starts delivering milk;
3. Once the required quantity of milk has been delivered into the cup, release the button. Delivery stops;
4. Now programme the quantity of coffee in the cup by proceeding as for the quantity of milk;
5. The lights flash for 3 seconds to confirm programming. The machine is now reprogrammed with the new milk and coffee quantities.

## 12. DELIVERING HOT WATER AND STEAM

**Danger of scalding:** Never leave the machine unattended when hot water is released. The spout becomes hot during delivery. Hold by the handle only.

### 12.1 Hot water

1. Make sure the hot water spout (C7) is attached correctly (fig. 6);
2. Place a cup under the spout (as close as possible to avoid splashes);
3. Press the  button (B9). The corresponding light flashes and the appliance starts delivering hot water;
4. Delivery stops automatically.

**Please note:** To interrupt delivery of hot water manually, press the  button again.


### 12.2 Changing the quantity of water delivered automatically

To modify the default quantity, proceed as follows:

1. Position a cup under the spout (A5);
2. Press and hold the  button (B7);
3. When the hot water in the cup reaches the required level, release the button. The lights flash for 3 seconds to confirm programming.

The machine is now reprogrammed with the new quantity.



## 12.3 Steam

1. Make sure the hot water spout (C7) is attached correctly (fig. 6);
2. Fill a container with the liquid to be heated or frothed and immerse the steam spout in the liquid;
3. Press the  button (B7). The corresponding light flashes and the appliance starts delivering steam;
4. When the required temperature is reached, stop steam delivery by pressing the same button. (STEAM SHOULD NOT BE GENERATED BY THE MACHINE FOR MORE THAN 3 MINUTES CONTINUOUSLY).

**Important:** Always shut off the steam before the container with the heated liquid is drawn clear of the spout, as splashes can cause scalding.

## 12.4 Clean the steam/hot water spout after use

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

1. Place a container under the water/steam spout (C7) (fig. 7) and press the  button (B7) to deliver a little water;
2. Stop the flow of hot water by pressing the  button again;
3. Wait a few minutes for the hot water/steam spout to cool down, then extract the hot water spout;
4. Turn the cappuccino maker anticlockwise and extract downwards (fig. 26);
3. Remove the nozzle downwards (fig. 27);
5. Check the hole in the cappuccino maker is not blocked. If necessary, clean with a pin;
6. Wash all parts of the spout thoroughly with a sponge and warm water;
7. Reinsert the nozzle and replace the cappuccino maker on the nozzle, pushing it upwards and turning it until it is attached;
8. Reinsert the spout.

## 13. CLEANING

### 13.1 Cleaning the machine

The following parts of the machine must be cleaned regularly:

- the appliance's internal circuit;
- drip tray (A10);
- coffee filters (C2), (C3) and (C4);
- boiler outlet (A5);
- water tank (A8);
- milk container (D);
- the hot water spout (C7) as described in section "12.4 CLEAN THE STEAM/HOT WATER SPOUT AFTER USE";
- the milk container/water spout connector (A2).

#### **Important!**

- Do not use solvents, abrasive detergents or alcohol to clean the coffee machine.

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

**Danger!** While cleaning, never immerse the coffee maker in water. It is an electrical appliance.

### 13.2 Cleaning the internal circuit

If the appliance is not used for more than 3/4 days, before using it again, we strongly recommend you turn it on and rinse the internal circuits through as described in points 4 and 5 of section "3. SETTING UP THE APPLIANCE".

### 13.3 Cleaning the drip tray

The drip tray is fitted with a level indicator (red) showing the level of water it contains. 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.

1. Remove the tray (fig. 28);
2. Remove the cup tray (A12), empty the water (fig. 29) and clean the drip tray with a cloth, then reassemble the drip tray;
3. Put the drip tray back in place.

### 13.4 Cleaning the coffee filters

Clean the coffee filters weekly:

#### **1 and 2 cup filters**

1. Extract the perforated filter by pulling the tab (fig. 30);
2. Rinse the filters under running water (fig. 31);
3. Make sure the holes are not blocked. If necessary, clean with a pin (fig. 32);
4. Place the perforated filter in the filter housing and press as far as it will go.

#### **Pod filter**

Rinse under running water. Make sure the holes are not blocked. If necessary, clean with a pin (fig. 32)..

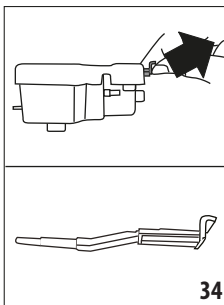
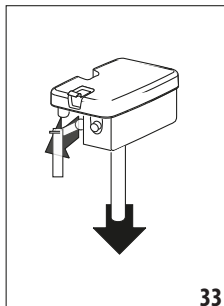
### 13.5 Cleaning the boiler outlet

After every 200 coffees, rinse the boiler outlet (A5) by delivering about 0.5 l of water from the boiler outlet (press the coffee button without using ground coffee).

### 13.6 Cleaning the water tank

1. Clean the water tank (A8) regularly (about once a month and whenever you replace the water softener filter (C10), if provided) with a damp cloth and a little mild washing up liquid;
2. Remove the filter (if installed) and rinse with running water;
3. Replace the filter (if installed), fill the tank with fresh water and replace;
4. (Models with water softener filter only) Deliver about 100 ml of water.

### 13.7 Cleaning the milk container

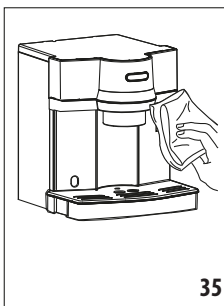


Clean the milk container each time you prepare milk as described below:

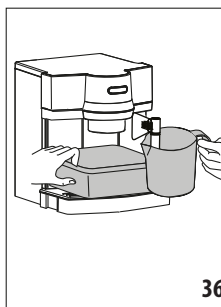
1. Remove the lid (D1);
2. Remove the milk spout (D3) and intake tube (D4) (fig. 33);
3. Remove the froth regulator by pulling it outwards (fig. 34);
4. Wash all the components thoroughly with hot water and mild washing-up liquid. **All components are dishwasher safe, but must be placed in the top basket of the dishwasher.** Make sure there are no milk residues left inside the holes and the groove on the fine end of the froth regulator;

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. Place the lid back on the milk container.

### 13.8 Cleaning the milk container/water spout connector



Each time you prepare a drink with milk, clean the connector with a sponge to remove milk residues from the gas-kets (fig. 35).



1. Empty the water tank (A8) completely and remove the water softener filter (C10) (if present). Fill the tank with the descaler solution, obtained by diluting the descaler with water following the instructions on the pack;
2. Remove the hot water spout (C7) (fig. 6);
3. Place a container under the boiler outlet (A5) and another under the hot water spout (fig. 36). Make sure the drip tray (A10) is empty and inserted correctly;
4. Press the ☕ (B9) and ☕ (B11) buttons together. The ☕ (B8) light comes on (if the hot water spout is not inserted, the light flashes);
5. Press the ☕ (B7) button. The LEDs alternate in sequence to indicate descaling is underway. The descaling programme automatically performs a series of deliveries and pauses from the boiler outlet and hot water spout to remove all the scale residues inside the coffee machine;
6. At the end of descaling, the ☕ (B10) light comes on to indicate the need to perform two rinses;
7. To eliminate residues of solution, 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;
8. Press the ☕ button. Rinsing begins and all the LEDs flash in sequence;
9. When the tank is empty, perform a second rinse. Empty the containers and put them back under the boiler outlet and hot water spout;
10. Press the ☕ button. Rinsing begins and all the LEDs flash in sequence;
11. Rinsing ends when the tank is empty. Rinse and fill the tank and put back in the appliance;
12. When the ☕ light comes on, press the corresponding button. Delivery begins, then stops automatically.

The appliance is ready for use.

#### Please note:

- If the descaling cycle is not completed correctly (e.g. no electricity) we recommend repeating the cycle;
- Repair of damage to the coffee maker caused by scale is not covered by the guarantee unless descaling is performed regularly as described above.

## 14. DESCALING

Descale the appliance when the ☕ light (B2) on the control panel flashes.

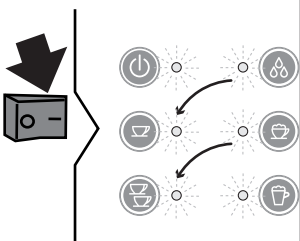
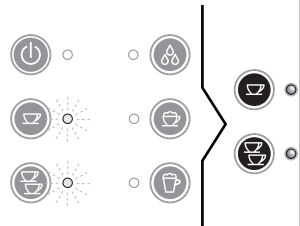
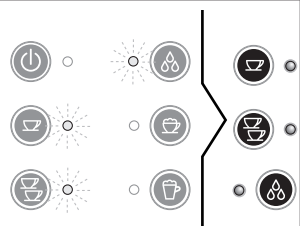
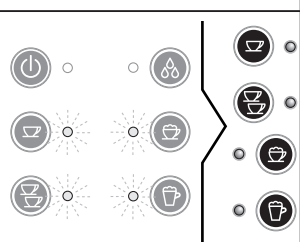
#### Important!







- Before use, read the instructions and the labelling on the descaler pack.
- It is important to use De'Longhi descaler only. Using unsuitable descalers — or failing to perform the descale procedure correctly — could lead to the machine developing faults not covered by the manufacturer's guarantee.

## 15. TECHNICAL DATA

Mains voltage:	220-240V-50/60Hz
Absorbed power:	1450W
Size LxHxD :	305x275x320 mm
Thermoblock:	stainless steel
Pressure:	15 bars
Water tank capacity:	1 litres
Power cord length:	1200 mm
Weight:	7 kg

## 16. EXPLANATION OF LIGHTS

LIGHTS	OPERATION	EXPLANATION OF LIGHTS
	To turn the appliance on, press the main switch (A3) on the back of the appliance.	The appliance performs a self-diagnosis cycle, indicated by sequential flashing off the lights.
	The appliance is on. No accessory is connected to the connector (A2).	The appliance is heating up to make coffee. When the 1 or 2 cups light stop flashing, the appliance has reached the ideal temperature to make coffee.
	The appliance is on. The hot water spout (C7) is connected to the connector A2.	The appliance is heating up to make coffee or deliver hot water. When the 1 or 2 cups light and the hot water light stop flashing, the appliance has reached the ideal temperature to deliver coffee or hot water.
	The appliance is on. The milk container (D) is connected to the connector (A2).	The appliance is heating up to make coffee, cappuccino or macchiato. When the 1 or 2 cups coffee light, cappuccino light and macchiato light stop flashing, the appliance has reached the ideal temperature to make coffee, cappuccino or macchiato.

LIGHTS	OPERATION	EXPLANATION OF LIGHTS
	The appliance has been idle for several minutes or the ON/STAND-BY button has been pressed.	The appliance is in STAND-BY. To turn it on again, press the  button. The interval of time before the appliance switches to Stand-by can be adjusted, see section "Adjusting the Stand-by interval".
   	The tank is empty or the appliance is unable to make coffee.	See the section "17. TROUBLESHOOTING"

## 17. TROUBLESHOOTING

Below is a list of some of the possible malfunctions.

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

PROBLEM	POSSIBLE CAUSE	SOLUTION
The appliance does not come on	The power cord (C5) is not inserted correctly	Make sure the power cord connector is fully inserted into the socket (A4) on the back of the appliance, then make sure the plug is correctly plugged into the mains socket
No espresso coffee is delivered	No water in the tank (A8)	Fill the tank with water
	The holes in the filter holder (C1) are blocked	Clean the filter holder spout holes
	The filter and removable perforated filter are blocked	Clean as described in section "13.4 CLEANING THE COFFEE FILTERS"
	The espresso boiler outlet (A5) is blocked	Clean as described in section "13. CLEANING"
	Scale in the water circuit	Descale as described in section "14. DESCALING"
The espresso coffee drips from the edges of the filter holder (C1) rather than the holes	The filter holder has been inserted incorrectly or is dirty	Attach the filter holder correctly and rotate firmly as far as it will go
	The filter and removable perforated filter are blocked	Clean as described in section "13.4 CLEANING THE COFFEE FILTERS"
	The espresso boiler gasket has lost elasticity or is dirty	Have the espresso boiler gasket replaced by Customer Services
	The holes in the filter holder spouts are blocked	Clean the filter holder spout holes





<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>
The espresso coffee is cold	The cups were not preheated	See section "10. CUP WARMER (FIG. 16)"
	Scale in the water circuit	Descale as described in section "14. DESCALING"
The pump is excessively noisy	The water tank (A8) is empty	Fill the tank
	The tank (A8) is not correctly in place and the valve on the bottom is not open	Press the tank forwards lightly to open the valve on the bottom
	There are air bubbles in the tank connector	Follow the instructions in section "12. DELIVERING HOT WATER AND STEAM" until water is delivered
The coffee froth is too dark (delivered from the spout too slowly)	The ground coffee is pressed down too firmly	Press the coffee down less firmly
	The quantity of ground coffee is too high	Reduce the quantity of ground coffee
	The espresso boiler outlet (A5) is blocked	Clean as described in section "13.5 CLEANING THE BOILER OUTLET"
	The filter and removable perforated filter are blocked	Clean as described in section "13.4 CLEANING THE COFFEE FILTERS"
	The ground coffee is too fine or damp	Use only ground coffee for espresso coffee makers and make sure it is not damp
	Scale in the water circuit	Descale as described in section "14. DESCALING"
The coffee has an acid taste	Inadequate rinsing after descaling	After descaling rinse the appliance as indicated in section "14. DESCALING"
The milk contains large bubbles and squirts out of the milk spout (D3) or there is little froth	The milk is not cold enough or is not semi-skimmed.	Use skimmed or semi-skimmed milk at refrigerator temperature (about 5° C). If the result is not as expected, try a different brand of milk.
	The froth regulator (fig. 23) on the milk frother lid (D1) is incorrectly adjusted.	Adjust according to the instructions in section "11. MAKING CAPPUCCINOS AND MILK-BASED COFFEES"
	The milk container lid (D1) is dirty	Clean the cappuccino lid as described in section "13.7 CLEANING THE MILK CONTAINER".
	The milk container/water spout connector (A2) is dirty	Clean the connection nozzle as described in section "13.8 CLEANING THE MILK CONTAINER/WATER SPOUT CONNECTOR"