

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.
- Cleaning and user maintenance shall not be made by children without supervision.
- Never clean by immersing the appliance in water.
- 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 cord is damaged, it must be replaced by Customer Services only to avoid all risk.

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 older than 8 and supervised. Keep the appliance and power cord away from children under eight years of age.
- Appliances 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).

SAFETY WARNINGS



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

This is an electrical appliance and may cause electrical shocks.

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

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



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

This appliance produces hot water and steam may form while it is in operation.

Avoid contact with splashes of water or hot steam.

Designated use

This appliance is designed and made to prepare coffee and heat drinks.

Any other use is considered improper and thus dangerous. The manufacturer is not liable for damage deriving from improper use of the appliance.

Instruction for Use

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

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.

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

Description of the control panel (B)

(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

Description of the accessories

(page 2 - D)

- C1. Filter holder
- C2. 1 coffee froth filter
- C3. 2 coffees 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

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

INSTALLING THE APPLIANCE



Important!

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

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

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.

Plug the power cord connector into the socket at the back of the appliance (fig. 1), then plug the plug into the mains socket. 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 electrician.

FILLING THE WATER TANK




1. Extract the water tank and fill with fresh clean water, taking care not to exceed the MAX level (fig. 2).
2. Reinsert the tank in the appliance (fig. 3).



Important:

Never operate the appliance without water in the tank or without the tank.



SETTING UP THE APPLIANCE

1. 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);
2. Turn on by pressing the main switch I/O on the back of the appliance to the I position. The appliance performs a self-diagnosis cycle, indicated by sequential flashing of the lights;
3. 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 (fig. 6);
4. Place a container with a minimum capacity of 100 ml under the spout (fig. 7);
5. Press the "hot water"  button. Delivery begins, then stops automatically.



Please note:

If the  and  lights flash, press the  button again.

6. To rinse the internal circuits of the appliance, place a recipient under the coffee spout (fig. 8) and press the  button. Repeat five times;
7. 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 if the appliance is not used for a long period.

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;
2. Turn the date indicator disk (see fig. 8) until the next two months of use are displayed;



Please note




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

3. To activate the filter, 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. 9);
4. Extract the tank (if necessary fill it 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 you can use the coffee machine.

MENU SETTINGS

To access the menu, make sure the appliance is in stand-by, then press the  and  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.

Setting the temperature

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



- Access the settings menu;
- Press the  button 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).



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 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 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

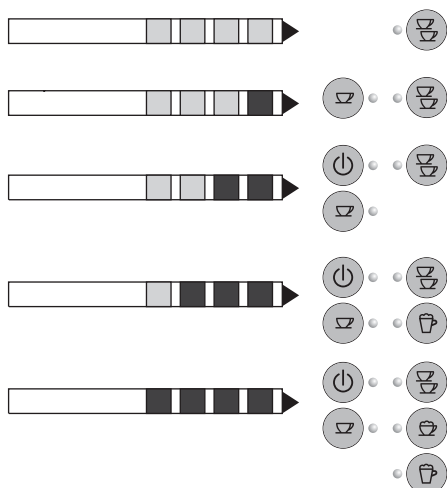
Setting water hardness


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" (C8) indicator paper 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 until the lights come on according to the following table.




- 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.

ON/STAND-BY

When the main switch is in the I position, turn the appliance on and off (stand-by) by pressing the  button.





The appliance goes off (stand-by) automatically after a certain period of time (see the section "Adjusting stand-by").

HOW TO MAKE ESPRESSO COFFEE USING PRE-GROUND COFFEE

- Place the ground coffee filter (C2 or C3) in the filter holder (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. 13). To make two coffees, place two loosely filled measures (about 7+7 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 pre-ground coffee evenly and press lightly with the presser (fig. 14). Correct pressing of the pre-ground coffee is essential to obtain a good espresso. If you press too firmly, the coffee will be delivered slowly and will be strong. If you press too lightly, the coffee will be delivered quickly and will be weak.
- 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. 15). 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 ( or ). 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 burns!**

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


HOW TO MAKE 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 (D4 ) in the filter holder;
- Insert the pod, centering it as far as possible on the filter (fig. 16). Always follow the instructions on the pod pack to position the pod on the filter correctly;
- Follow the instructions from point 4 of the previous section, bearing in mind that you can make only one coffee at a time.


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;
- Press and hold the button you want to programme ( or ). 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.

CUP WARMER (fig. 17)

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.

MAKING CAPPUCCINOS AND MILK BASED COFFEES

Please note!

- To avoid producing milk with poor froth or large bubbles, always clean the milk frother lid (D1) and milk container/water spout connector (A2) as described in the sections "Cleaning the milk container" on page 16 and 20 and "Cleaning the milk container/hot water spout connector" on page 13.


Filling and attaching the milk container

1. Remove the lid (D1- fig. 18);
2. Fill the milk container (D5) with a sufficient quantity of milk, without exceeding the MAX level of 0.5 l (fig. 19). 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).
3. Make sure the milk intake tube (D4) is correctly inserted in the bottom of the milk container lid (fig. 20);
 4. Place the lid back on the milk container;
 5. Remove the hot water spout (fig. 21);
 6. Attach the milk container to the connector (A2), pushing as far as it will go (fig. 22);
 7. Set the machine up to make coffee (see "How to make espresso coffee");
 8. Place the cup for cappuccino or glass for macchiato under the coffee spout and place the milk spout in the correct position (fig. 23). If you are using tall cups or glasses, use the glass compartment as shown in fig. 24);
 9. Adjust the froth regulator according to the amount of froth required and type of milk used (fig. 25);

To make CAPPUCCINO: press the  button.

To make MACCHIATO: press the  button.

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 heat the milk frother circuits (see following section).
- When making cappuccino or macchiato, the appliance first delivers 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.

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 in the machine (you do not need to empty it);
2. Place a cup or other recipient under the frothed milk spout;
3. Press the "CLEAN" button (fig. 26) and hold it down. The

 and  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.

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 and milk spout.
 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.

DELIVERING HOT WATER AND STEAM


Important! Danger of burns.

Never leave the machine unattended while delivering hot water. The spout becomes hot during delivery. Hold by the handle only.

Delivering hot water

1. Make sure the hot water spout 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.


Changing the quantity of water delivered automatically

To modify the default quantity, proceed as follows:

1. Position a cup under the spout;
2. Press and hold the  button;
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.

Steam delivery

1. Make sure the hot water spout 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. (You should not discharge steam for more than 3 minutes at a time).





Important!

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

Clean the steam/hot water spout after use

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

1. Place a container under the cappuccino maker and press the  button to deliver a little water (fig. 7). Stop the flow of hot water by pressing the  button again.
2. Wait a few minutes for the cappuccino maker to cool down, then extract the hot water spout.
3. Check the hole in the cappuccino maker is not blocked.
4. Wash all parts of the spout thoroughly with a sponge and warm water.
5. Reinsert the spout.

CLEANING

Cleaning the machine

The following parts of the machine must be cleaned regularly:

- the appliance's internal circuit;
- drip tray (A10);
- the coffee filters (C2, C3 and C4);
- the boiler outlet (A5);
- the water tank (A8);
- milk container (D);
- the hot water spout (C7) as described in the previous section;
- the milk container/water spout connector (A2).



Important!

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

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 you turn it on and rinse the internal circuits through as described in points 4 and 5 of the section "Setting up the appliance".

Cleaning the drip tray



Important!

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 drip tray (fig. 27);
2. Remove the cup grille, empty the water (fig. 28) and clean the tray with a cloth, then reassemble the drip tray;
3. Put the drip tray back in place.

Cleaning the coffee filters

Clean the coffee filters regularly by rinsing under running water. Make sure the holes are not blocked. If necessary, clean with a pin (fig. 29).

Cleaning the boiler outlet

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

Cleaning the water tank

1. Clean the water tank 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 present) and rinse with running water;
3. Replace the filter (if provided), fill the tank with fresh water and replace the tank;
4. (Models with water softener filter only) Deliver about 100 ml of water.

Cleaning the milk container

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

1. Remove the lid;
2. Remove the milk spout and intake tube (fig. 30);
3. Remove the froth regulator by pulling it outwards (fig. 31);
4. 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 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.





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 gaskets (fig. 32).

DESCALING

Descal the appliance when the  light on the control panel flashes.

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. Empty the water tank completely and remove the water softener filter (if present). Fill the tank with the descaler solution, obtained by diluting the descaler with water following the instructions on the pack;
 2. Insert the hot water spout (fig. 6);
 3. Place a container under the boiler outlet and another under the hot water spout (fig. 33). Make sure the drip tray is empty and inserted correctly;
 4. Press the  and  buttons together. The  light comes on (if the hot water spout is not inserted, the light flashes);
 5. Press the  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  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.

TECHNICAL DATA

Mains voltage:	220-240V-50/60Hz
Absorbed power:	1450W
Size LxHxD:	305x275x320 mm
Thermoblock:	Acciaio Inox/Alluminio
Pressure:	15 bar
Water tank capacity:	1 l
Power cord length:	1200 mm
Weight:	7 kg

 The appliance complies with the following EC directives:

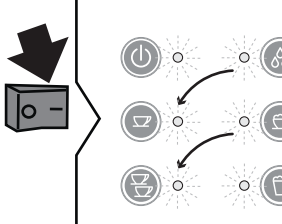
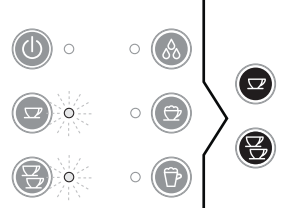
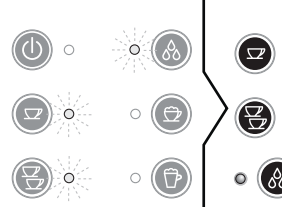
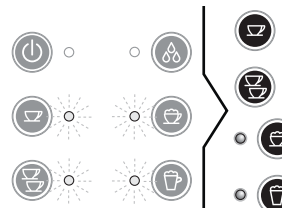



- Stand-by Directive no. 1275/2008.
- Materials and accessories coming into contact with food conform to EEC regulation 1935/2004.

DISPOSAL



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

EXPLANATION OF LIGHTS

LIGHTS	OPERATION	EXPLANATION OF LIGHTS
	<p>To turn the appliance on, press the ON/OFF switch on the back of the appliance.</p>	<p>The appliance performs a self-diagnosis cycle, indicated by sequential flashing off the lights.</p>
	<p>The appliance is on. No accessory is connected to the connector A2.</p>	<p>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.</p>
	<p>The appliance is on. The hot water spout C7 is connected to the connector A2.</p>	<p>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.</p>
	<p>The appliance is on. The milk container (D) is connected to the connector A2.</p>	<p>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.</p>
	<p>The appliance has been idle for several minutes or the ON/STAND-BY button has been pressed.</p>	<p>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".</p>
	<p>The tank is empty or the appliance is unable to make coffee.</p>	<p>See the section "Troubleshooting" (page 27).</p>

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 is not inserted correctly.	Make sure the power cord connector is fully inserted into the socket 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	Fill the tank with water
	The holes in the filter holder are blocked	Clean the filter holder spout holes
	The espresso boiler outlet is blocked	Clean as described in the chapter "Cleaning the boiler outlet"
	Scale in the water circuit	Perform the descaling procedure as described in the section "Espresso coffee"
	The tank is not correctly in place and the valve on the bottom is not open	Press the tank down lightly to open the valve on the bottom
The espresso coffee drips from the edges of the filter holder 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 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 spout holes.
The filter holder cannot be attached to the appliance	Too much coffee has been placed in the filter	Use the measure supplied and make sure you are using the correct filter for the type of preparation
The pump is excessively noisy	The water tank is empty	Fill the tank
	The tank is not correctly in place and the valve on the bottom is not open	Press the tank down lightly to open the valve on the bottom
The coffee froth is too light (delivered from the spout too fast)	The pre-ground coffee is not pressed down firmly enough	Press the pre-ground coffee more firmly
	There is not enough pre-ground coffee	Increase the quantity of pre-ground coffee
	The pre-ground coffee is too coarse	Use only pre-ground coffee for espresso coffee makers
	The wrong type of pre-ground coffee is being used	Change the type of pre-ground coffee
After delivering coffee, the filter remains attached to the boiler outlet		Reinsert the filter holder, then remove it.

After delivering coffee, the filter remains attached to the boiler outlet	The milk container lid (D1) is dirty.	Clean the milk container lid as described in the section "Cleaning the milk container".
The milk contains large bubbles and squirts out of the milk spout (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 you wished, try changing brand of milk.
	The froth regulator on the milk frother lid is incorrectly adjusted.	Adjust following the instructions in the section "Making cappuccinos and milk based coffees".
	The milk container lid is dirty.	Clean the lid as described in the section "Cleaning the milk container" (page 20).
	The milk container/water spout connector (A2) is dirty	Clean the connector as described in the section "Cleaning the milk container/water spout connector"

ELECTRICAL REQUIREMENTS (UK ONLY)

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

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

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

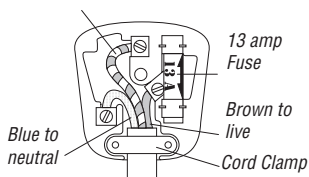
Note: Such a plug cannot be used for any other appliance and should therefore be properly disposed of and not left where children might find it and plug it into a supply socket - with the obvious consequent danger.

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


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

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 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