

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 electric shock.

You should therefore follow these safety warnings:

- Never touch the appliance with damp hands or feet.
- Never touch the plug with damp hands.
- Make sure the socket used is freely accessible at all times, enabling the appliance to be unplugged when necessary.
- Unplug directly from the plug only. Never pull the cord as you could damage it.
- To disconnect the appliance completely you must unplug it from the mains socket.
- If the appliance is faulty, do not attempt to repair. Turn it off, unplug from the mains socket and contact Customer Services.
- Before cleaning the appliance, turn it off, unplug from the mains socket and allow to cool.



Important: 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.

Installing the appliance



Important!

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

- The appliance gives off heat. After positioning the appliance on the worktop, leave a space of at least 3 cm between the surfaces of the appliance and the side and rear walls and at least 25 cm above the coffee maker.
- Water penetrating the coffee maker could cause damage. Do not place the appliance near taps or sinks
- The appliance could be damaged if the water it contains freezes. Do not install the appliance in a room where the temperature could drop below freezing point.
- Arrange the cord 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 socket with a minimum current rating of 10A only and installed in compliance with current standards.

If the power socket does not match the plug on the appliance, have the socket replaced with a suitable type by a qualified professional.

DESCRIPTION (page 3)

- A1. Espresso coffee water tank lid
- A2. Espresso coffee water tank
- A3. Chlorine filter extraction handle
- A4. Chlorine filter holder
- A5. Filter holder for drip coffee
- A6. Opening handle
- A7. Water fill compartment
- A8. Drip coffee warming plate
- A9. Espresso coffee cup tray
- A10. Drip tray
- A11. Cappuccino maker
- A12. Steam dial for cappuccino
- A13. Espresso coffee ON/OFF switch

Description control panel

- B1. Espresso coffee/steam selector dial
- B2. Espresso coffee ON light
- B3. Steam OK light
- B4. Espresso coffee OK light
- B5. Drip coffee filter ON/OFF switch with light

Description accessories

- C1. Espresso coffee filter holder
- C2. One-cup or one-pod espresso coffee filter
- C3. Two-cup espresso coffee filter
- C4. Coffee measure with presser
- C5. Permanent filter (*certain models only)
- C6. Jug for drip coffee
- C7. Water softener filter for espresso coffee water tank (*certain models only)
- C8. Chlorine filter

Chlorine filter

The filter eliminates the taste of chlorine from the water. To install, proceed as follows:

- Extract the filter holder from its housing by pulling it upwards (fig. 1).
- Remove the chlorine filter from the plastic bag and rinse in tap water (fig. 2).
- Open the filter holder and carefully position the filter as shown in Fig. 2.
- Close the filter holder (fig. 2) and replace in its housing. Press down as far as it will go.
- The chlorine filter must be replaced every 80 cycles and always after six months of operation.



Please note:

Buy De'Longhi original filters only.

MAKING DRIP COFFEE

- Open the filter holder by rotating towards the right (fig. 3).
- Fill the jug up to the level corresponding to the number of cups of coffee to be prepared, taking care not to exceed the MAX level (fig. 4).
- Pour the water into the water fill compartment (fig. 5)
- Position the permanent filter (if present) or the paper filter in the filter holder (fig. 6).
- Place the pre-ground coffee in the filter using the measure supplied and level evenly (fig. 7).
As a general rule, use a level measure of coffee (about 7 grams) for each cup required (for example, 10 measures for 10 cups).
- Close the filter holder and place the jug on the warming plate with the lid on.
- Press the ① switch (B5). The light on the switch indicates that the coffee maker is operating.
- Coffee delivery will start after a few seconds.

It is completely normal for the appliance to release a little steam while the coffee is percolating.

To keep the coffee hot after percolation, place the jug on the warming plate and leave the appliance on (drip coffee light on). The coffee in the jug is kept at the right temperature.

- To turn the appliance off, press the ① switch (B5).

Auto-off

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

MAKING ESPRESSO COFFEE



Please note:

The first time you use the appliance, wash all accessories and rinse the internal circuits by proceeding as though you were making coffee until you have used at least two tanks of water. You can then proceed to make coffee.

Auto-off

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

Water softener filter (certain models only)

Some models are fitted with a water softener filter. To install, proceed as follows:

1. Remove the filter from the packaging.
2. Turn the date indicator disk (see fig. 9) 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 maker is left unused with the filter installed, it will last a maximum of three weeks.

3. Rinse the filter under at least 0.5 litres of running water (fig. 10).
4. Place the filter in a basin of water, tilting it to enable the air bubbles to escape (fig. 11).
5. Fill the water tank, insert the filter in the filter housing (fig. 12) and press as far as it will go.

**Please note:**

Buy De'Longhi original filters only.

Preheating the coffee unit

To make espresso coffee at the right temperature, the coffee maker should be preheated as follows:

1. Press the ON/OFF switch (fig. 13) to turn the appliance on. The power light (B2) comes on.
2. Remove the filter from the filter holder (fig. 14). Make sure the projection is correctly inserted in the slot. Attach the filter holder with filter to the appliance (fig. 15) without adding pre-ground coffee. Use the smaller filter to make one coffee or the larger filter to make two coffees.
2. Place a cup under the filter holder. Use the same cup as will be used to prepare the coffee in order to preheat it.
3. Wait until the ☐/☉ light comes on and immediately afterwards turn the selector dial to the ☐/☉ (fig. 16), position (fig. 16). Continue delivering water until the light goes off, then interrupt delivery by turning the selector dial to the ☐/☐ position and empty the cup.

(It is normal for a small and harmless puff of steam to be given off when removing the filter holder).

How to make espresso coffee using pre-ground coffee

1. After preheating the appliance and filter holder as described in the previous paragraph, use the smaller filter to make one coffee or the larger filter to make two coffees.
2. To make just one coffee, place one level measure of pre-ground coffee (about 7 g) in the filter. (fig. 17). To prepare 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.

3. Distribute the pre-ground coffee evenly and press lightly with the presser (fig. 18).
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.
4. Remove any excess coffee from the rim of the filter holder and attach to the appliance. Turn the handle firmly towards the right (fig. 15) to avoid water leaking out.
5. Place the cup or cups under the filter holder spouts (fig. 19). You are recommended to warm the cups before making coffee by rinsing them with a little hot water.
6. Make sure the ☐/☉ light is on (if off, wait until it comes on), then turn the selector dial to the ☐/☉ position (fig. 16). When the desired amount of coffee has been delivered, turn the selector dial to the ☐/☐ position to interrupt the flow.
7. 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.

8. To dispose of the used coffee, block the filter in place using the lever incorporated in the handle, then empty the grounds by turning the filter holder upside down and tapping it firmly (fig. 20).
9. To turn the appliance off, press the ☐ button on the left side of the machine.

How to prepare espresso coffee using pods

1. Preheat the appliance as described in the section "PRE-HEATING THE COFFEE UNIT", making sure the filter holder is attached. This obtains a hotter coffee.

**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.

2. Place the small filter in the filter holder, making sure the projection is correctly inserted in the slot as shown in fig. 14.
3. Insert the pod, centring it as far as possible on the filter (fig. 21). Always follow the instructions on the pod pack to position the pod on the filter correctly.

4. Attach the filter holder to the appliance. Always turn as far as it will go (fig. 15).
5. Proceed as in points 5, 6 and 7 in the previous section.

HOW TO MAKE CAPPUCCINO

1. Prepare the espresso coffees as described in the previous sections, using sufficiently large cups.
2. Turn the selector dial to the ☞ position. The corresponding light comes on (fig. 22).
3. In the meantime, fill a recipient with about 100 grams of milk for each cappuccino to be prepared. In choosing the size of the recipient, bear in mind that the milk doubles or triples in volume.

Please note:

You are recommended to use skimmed or semi-skimmed milk at refrigerator temperature (about 5°C).

4. Place the recipient containing the milk under the cappuccino maker.
5. Wait until the ☞ light comes on (fig. 22). The light comes on to indicate that the boiler has reached the ideal temperature for steam production. As the boiler heats up, it is normal for a little water and steam to be given off into the drip tray (A10).
6. Remove the cappuccino maker by rotating to the left (fig. 23). During this operation, avoid touching the boiler outlet as it is hot. Then place the recipient containing the milk under the cappuccino maker.
7. Dip the cappuccino maker in the milk for a few millimetres (fig. 24). Turn the steam dial to the ☞/☞ ON position (fig. 25). Steam is delivered from the cappuccino maker, giving the milk a creamy frothy appearance. For a creamier froth, immerse the cappuccino maker in the milk and move the container with slow upward movements.
8. When the milk has doubled in volume, immerse the cappuccino maker deeply and continue heating the milk. When the required temperature (the ideal is 60°C) and froth density is reached, interrupt steam delivery by turning the steam dial to the OFF position and the selector dial to the ☜ position.
9. Pour the frothed milk into the cups containing the espresso coffee prepared previously. The cappuccino is ready. Sweeten to taste and if desired, sprinkle the froth with a little cocoa powder.

Please note:

- To prepare more than one cappuccino, first make all the coffees then at the end prepare the frothed milk for all the cappuccinos.

- To make coffee again after the milk has been frothed, cool down the boiler first or the coffee will be burnt. To cool the boiler, place a container under the boiler outlet, turn the selector dial to the ☞/☞ position (fig. 16) and deliver water until the OK light goes off. Turn the selector dial back to the ☜ position and prepare the coffee as described in the previous paragraphs.

You are recommended to deliver steam for a maximum of 60 seconds and never to froth milk more than three times consecutively.



Important:

For hygiene reasons, the cappuccino maker should always be cleaned after use.

Proceed as follows:

1. Deliver a little steam for a few seconds (points 2 and 5 of the previous section) by turning the steam dial (fig. 25). This causes the cappuccino maker to discharge any milk left inside. Turn the appliance on again by pressing the ON/OFF button.
2. With one hand, hold the cappuccino maker spout firmly, with the other, release the cappuccino maker by turning it anticlockwise, then pull off downwards (fig. 26).
3. Remove the steam connection nozzle from the spout by pulling it downwards.
4. Wash the cappuccino maker and steam connection nozzle thoroughly with warm water.
5. Make sure the two holes shown by the arrows in fig. 27 are not blocked. If necessary, clean with a pin.
6. Put the steam connection nozzle back, pressing forcefully upwards to insert it onto the steam tube.
7. Replace the cappuccino maker by pushing upwards and turning clockwise.

HOT WATER

1. Press the ON/OFF switch (fig. 13) to turn the appliance on. The power light (B2) comes on.
1. Wait until the ☞/☞ light comes on.
2. Place a recipient under the cappuccino maker.
3. When the ☞/☞ light comes on, turn the selector dial to ☞/☞ (fig. 16) and at the same time turn the steam dial to ☞/☞ ON (fig. 25). Water comes out of the cappuccino maker.
4. To interrupt hot water delivery, turn the steam dial to OFF and the selector dial to ☜.

You should not deliver hot water for more than 60 seconds.

CLEANING



Danger!

- While cleaning, never immerse the coffee maker in water. It is an electrical appliance.
- Before cleaning the outside of the appliance, turn it off, unplug from the mains socket and allow to cool.

Espresso coffee filter cleaning and maintenance

About every 300 coffees or when the coffee is delivered from the filter holder a drop at a time or not at all, clean the pre-ground coffee filters and filter holder as follows:

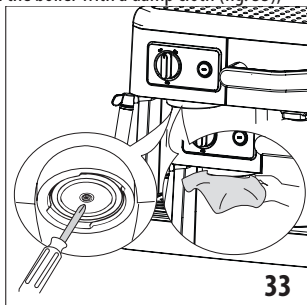
- Remove the filter from the filter holder.
- Remove the filter cap (fig. 28) by unscrewing in the direction indicated by the arrow on the cap.
- Remove the frother from the container by pushing it from the cap end.
- Remove the gasket.
- Rinse all components and clean the metal filter thoroughly in hot water using a brush (fig. 29). Make sure the holes in the metal filter are not blocked. If necessary, clean with a pin (see fig. 30).
- Replace the filter and gasket on the plastic disk as shown in fig. 31. Make sure to insert the pin on the plastic disk into the hole in the gasket indicated by the arrow in fig. 31.
- Replace the assembly in the steel filter container (fig. 32), making sure the pin is inserted in the hole in the support (see arrow in fig. 32).
- Finally, screw on the cap.

Failure to clean as described above invalidates the guarantee.

Cleaning the boiler outlet

About every 300 coffees, the espresso boiler outlet must be cleaned as follows:

- Make sure the appliance is not hot and that it is unplugged from the mains;
- Use a screwdriver to release the screw fixing the espresso boiler outlet (fig. 33);
- Remove the boiler outlet;
- Clean the boiler with a damp cloth (fig. 33);



- Clean the outlet thoroughly with hot water using a brush. Make sure the holes are not blocked. If necessary, clean with a pin (fig. 30).
- Rinse under running water, brushing all the time.
- Replace the boiler outlet, making sure it is correctly positioned on its gasket.

Failure to clean as described above invalidates the guarantee.

Other cleaning operations

1. Do not use solvents or abrasive detergents to clean the coffee maker. Use a soft damp cloth only.
2. Clean the filter holder, filters, drip tray and water tank regularly.
To empty the drip tray, extract the cup tray grille, remove the water and clean the tray with a cloth: then reassemble the drip tray.



Danger!

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

DESCALING

Descaling the espresso coffee unit

We recommend descaling the coffee maker about every 200 coffees. We recommend using commercially available De'Longhi descaler.

Proceed as follows:

1. Fill the tank with the descaler solution, obtained by diluting the descaler with water following the instructions on the pack.
2. Press the ON/OFF switch (fig. 13) to turn the appliance on. The power light (B2) comes on.
3. Make sure the filter holder is not attached and position a recipient under the boiler outlet.
4. Turn the selector dial to ☐/☉ and deliver about 1/4 of the solution in the tank, turning the steam dial at intervals to allow a little solution to flow out through the cappuccino maker spout. Then stop the flow by turning the dial to ☐/☉ and leave the solution to act for about five minutes.
5. Repeat point 4 a further 3 times until the tank is completely empty.
6. To eliminate residues of solution and scale, rinse the tank well, fill with clean water (without descaler).
7. Turn the selector dial to ☐/☉ (fig. 16) and deliver water until the tank is completely empty.
8. Repeat operations 6 and 7 again.

Repair of damage to the coffee maker caused by scale is not covered by the guarantee unless descaling is performed regularly as described above.

Descaling the drip coffee unit

Over time, calcium in the water may cause obstructions, reducing the efficiency of the coffee maker. You are recommended to descale the coffee maker about every 40 coffees.

To descale, always use special commercially available descaling products for drip coffee makers.

1. Dilute the product in the jug, following the instructions on the descaler pack;
2. Pour the descaler solution into the tank;
3. Place the jug on the warming plate;
4. Press the ① switch (B5), percolate the equivalent of one cup and then switch off the appliance;
5. Leave the solution to work for 15 minutes, then repeat operations 4 and 5.
6. Turn the appliance on and deliver the water until the tank is completely empty.
7. Rinse by operating the appliance with water only at least 3 times (3 complete tanks of water).

DISPOSAL



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



The appliance complies with the following EC directives:

- Stand-by European Regulation 1275/2008 and subsequent amendments;
- This appliance conforms to EC Regulation 1935/2004 on materials and articles intended to come into contact with food.

TECHNICAL DATA

Voltage:	220-240V~50/60Hz
Power:	1750W
Size (l x d x h):	370 x 305 (o 400) x 325 mm
Espresso coffee pump pressure:	15 bar
Espresso coffee boiler:	Acciaio inox
Espresso coffee tank capacity:	1,2 L
Drip coffee tank capacity:	1,4 L
Power cord length:	1200 mm
Weight:	BC0420.1 = 7,2 kg
	BC0410.1 = 6 kg

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
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 section "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 is inserted incorrectly	Attach the filter holder correctly and rotate firmly as far as it will go
	The espresso boiler gasket has lost elasticity	Have the espresso boiler gasket replaced by Customer Services
	The holes in the filter holder spouts are blocked	Clean the spout holes.
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 espresso coffee is cold	The espresso coffee OK light was not on when the coffee switch was pressed	Wait until the OK light comes on
	No preheating was done	Preheat as described in the section "Preheating the appliance"
	The cups were not preheated	Heat the cups by rinsing them in hot water or standing them on the cup warmer tray for at least 20 minutes
	Scale in the water circuit	Perform the descaling procedure as described in the section "Espresso coffee"
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 down more firmly (fig. 18)
	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

The coffee froth is too dark (delivered from the spout too slowly)	The pre-ground coffee is pressed down too firmly	Press the coffee down less firmly (fig. 18)
	There is too much pre-ground coffee	Reduce the quantity of pre-ground coffee
	The espresso boiler outlet is blocked	Clean as described in the section "Cleaning the espresso boiler outlet".
	The filter is blocked	Clean as described in the section "Cleaning the filter"
	The pre-ground coffee is too fine or damp	Use pre-ground coffee for espresso coffee makers only and make sure it is not too damp
	The wrong type of pre-ground coffee is being used	Use a different type of pre-ground coffee
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
No milk froth is formed when making cappuccino	Milk not cold enough	Always use semi-skimmed milk at refrigerator temperature
	Cappuccino maker dirty	Thoroughly clean the holes in the cappuccino maker, in particular those indicated in fig. 27
The drip or espresso coffee has an acid flavour	Inadequate rinsing after descaling	Rinse the appliance as described in the section "Descaling the drip coffee unit" or "Descaling the espresso unit"
The drip coffee takes longer to percolate	The drip coffee maker needs to be descaled	Perform the descaling procedure as described in the section "Descaling the drip coffee unit"