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# OWNER'S INSTRUCTION

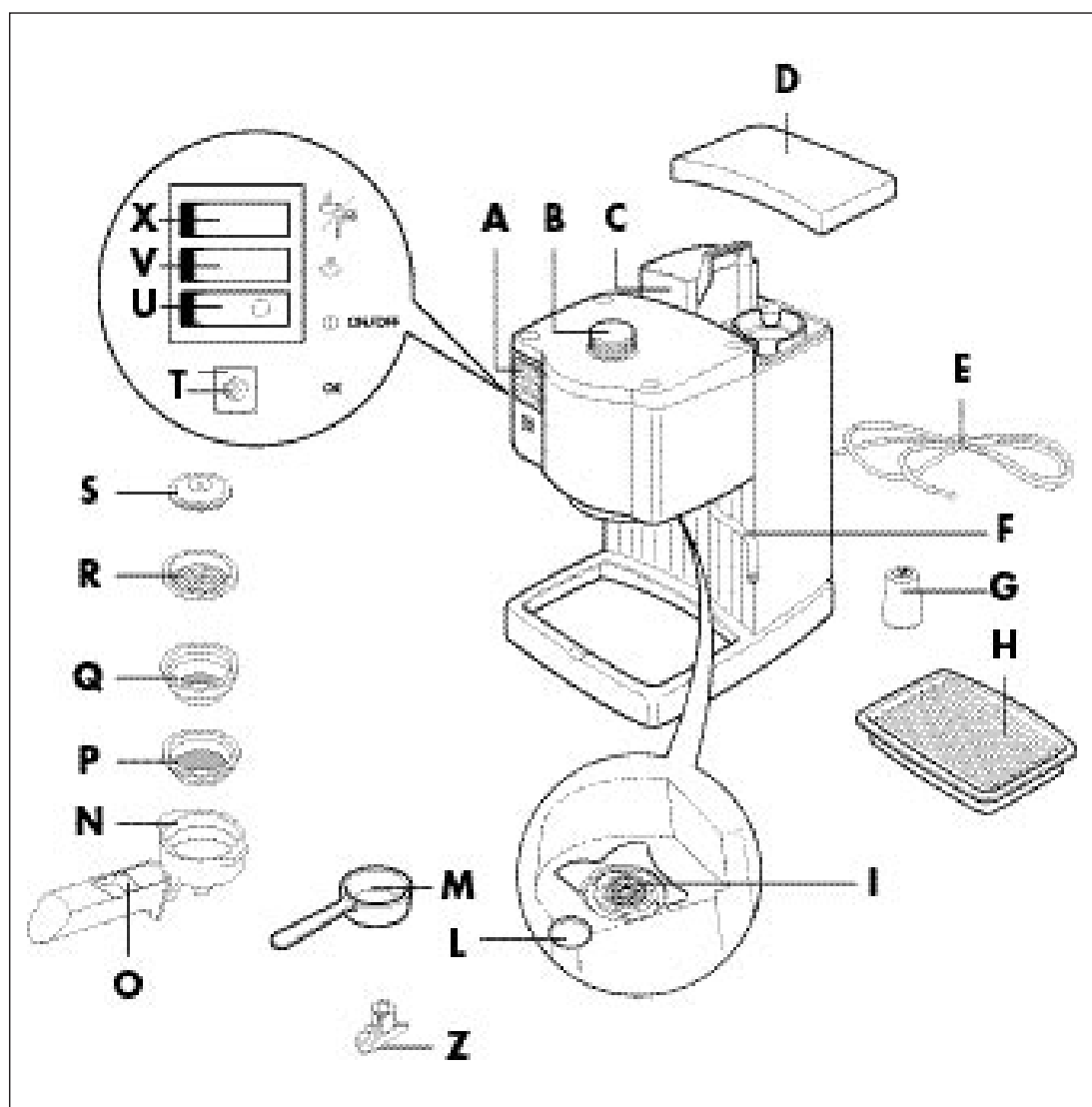


**Pump-driven espresso coffee/cappuccino maker**



**READ AND SAVE THESE INSTRUCTIONS**

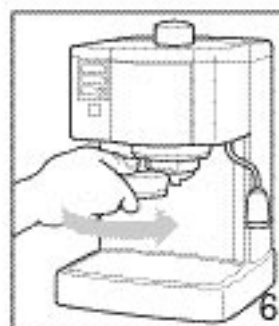
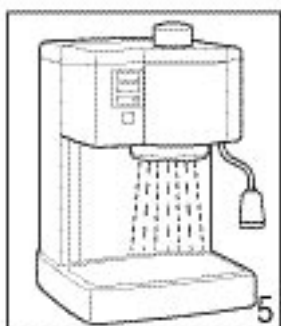
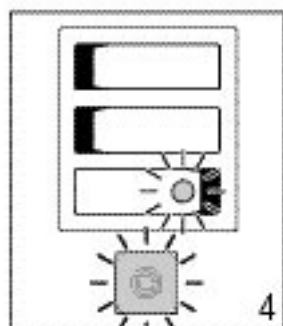
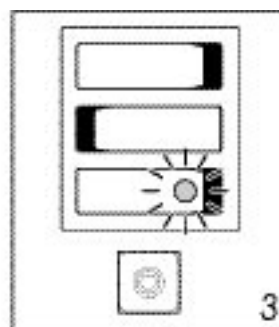
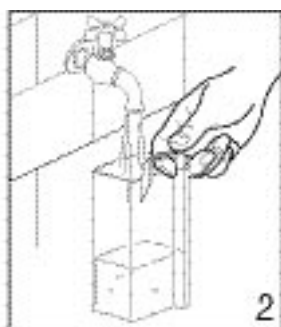
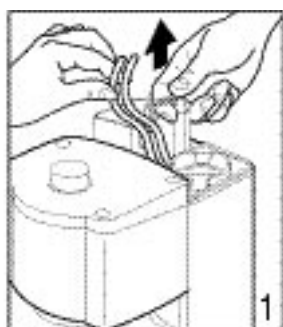
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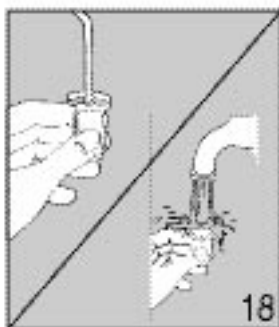
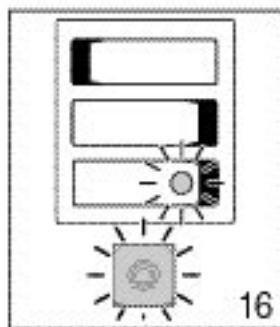
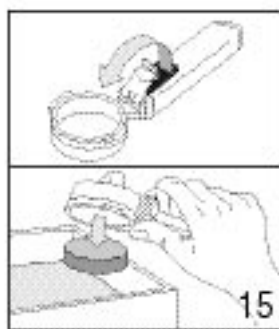
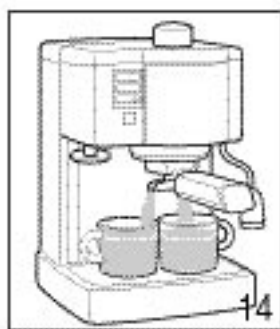
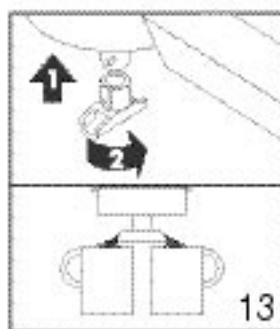
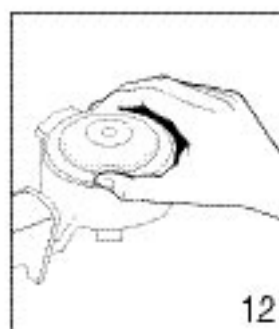
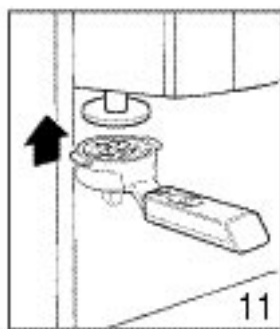
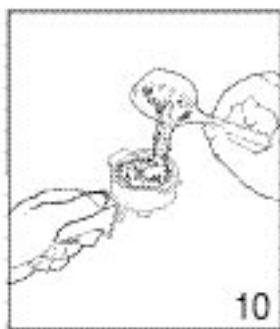


### Description of the appliance

- A** Control panel
- B** Steam control knob
- C** Water tank
- D** Tank cover
- E** Power cord
- F** Steam and hot water nozzle
- G** "Cappuccino" nozzle
- H** Drip tray
- I** Boiler outlet
- L** Coffee tamper
- M** Measuring spoon

- N** Filter holder
- O** Filter thumb guard
- P** 1-cup filter
- Q** 2-cup filter
- R** Pod filter
- S** Automatic coffee press
- T** "OK" pilot lamp
- U** Illuminated ON/OFF switch
- V** Steam switch
- X** Coffee/water delivery switch
- Z** 2 cup adaptor





## IMPORTANT SAFEGUARDS

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

- Read all instructions.
- Do not touch hot surfaces. Use handles and knobs.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug or appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from the outlet when not in use and before cleaning. Allow to cool before fitting or taking off parts, and before cleaning the appliance.
- Do not operate with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Return the appliance to the nearest authorized service facility for examination, repair or adjustment.
- The use of accessory attachments or spare parts not recommended by the appliance manufacturer may result in fire, electrical shock or personal injury.
- Do not use outdoors.
- Do not let the cord hang over the edge of the table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electrical burner, or in a heated oven.
- Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
- Do not use the appliance for other than the intended use.

## SAVE THESE INSTRUCTIONS

## SHORT CORD INSTRUCTIONS

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

## USE OF THE MACHINE

### THIS MACHINE IS FOR HOUSEHOLD USE ONLY

#### When using for the first time

After unpacking the appliance, remove the plastic bag containing the accessories. All accessories (filter-holder, measuring spoon, 3 filters) must be washed with detergent and lukewarm water, then rinsed thoroughly. Then the internal circuit should be washed as follows:

#### Filling the reservoir

- Remove the cover (D) and the tank (C) by lifting it upwards and, at the same time, lifting the intake tubes (fig. 1).
- Rinse the tank and fill with cold water to the upper mark MAX (fig. 2) then replace the tank in its housing, ensuring that the tubes are immersed in the water.
- Replace the cover.

#### Pre-wash

- Insert the plug into the power socket (do not forget the safety warnings).
- Press the ON/OFF switch (U) and the delivery switch (X). The ON/OFF pilot lamp will light (fig. 3) and the pump will switch on. Wait until water begins to flow from the boiler outlet; then turn the delivery switch off. After about 2 minutes, the pilot lamp will light (fig. 4) to indicate that the water in the boiler has reached the correct temperature.
- Press the delivery switch again for 10/15 seconds, allowing water to flow from the boiler outlet (fig. 5). Then turn the delivery switch off.
- To ensure perfect pre-washing, repeat procedure at least five or six times.

The machine is now ready for use.

#### Positioning the filter-holder

To insert the filter-holder in the machine, position it under the boiler outlet (fig. 6).

Then push the filter-holder upwards and at the same time rotate it towards the right as far as it will go.

## HOW TO MAKE A PERFECT ESPRESSO COFFEE

#### Some suggestions

- Always use fresh water and keep the tank clean
- Top-quality beans, correctly roasted and ground will always produce the best coffee.
- Before making coffee, heat the cups under a hot water tap for a few moments.

#### Pre-heating of the machine

- In order to obtain a coffee at the right temperature, it is necessary to pre-heat the machine by keeping it on for at least a half-hour before making coffee. During this time, it is necessary to leave the filter holder attached to the boiler. After a half-hour, as soon as the "OK" light turns on, the coffee can then be made with pods or grinds as described below.

To speed up this operation, it is also possible:

- To turn the machine on by pushing the ON/OFF switch (U).
- To insert the filter holder in the boiler without coffee as described above and fill up cup(s) with water
- To wait until the light "OK" turns on (fig. 4) and press the delivery switch (X), and fill up cup(s) with water.
- Then empty the water from the cup(s) and from the filter holder.

From now on, you can make coffee with pods or with ground coffee, following instructions given:

### How to operate with pods

- Switch on the machine by pushing the ON/OFF switch (**U**). The ON/OFF pilot lamp will light.  
**A few drops of water may escape from the boiler nozzle. This is perfectly normal.**
- Insert the pod filter (R) in the filter holder (fig. 7);
- Insert the pod in the pod filter (fig. 8);
- Attach the filter holder as described previously (fig. 6), remembering to rotate it towards the right as far as it will go.
- Place the pre-warmed cup on the drip tray under the filter holder spout. When the "OK" pilot lamp lights (T), press the delivery switch. When the desired quantity of coffee is obtained (generally 20-30 seconds), turn the delivery switch (X) off.
- Wait a few seconds before detaching the filter-holder by turning the handle from right to left.

### How to operate with ground coffee

- Switch on the machine by pushing the ON/OFF switch. The ON/OFF pilot lamp will light.
- Insert the 1 or 2 cup filter in the filter holder. If you need to prepare 2 cups, your machine is equipped with an adaptor (Z) allowing you to dispense the coffee into two cups. To attach this to the filter holder, just align the guide on the adaptor with the pin on the filter holder, push the adaptor up and turn it (see fig. 13). Place 1 or 2 measures of ground coffee in the filter (Fig. 10). Spread the coffee evenly and press by using the tamper (fig. 11).
- Remove any excess of coffee from the filter rim. Put the automatic coffee press on the ground coffee (fig. 12).
- Attach the filter holder as described previously (fig. 6), remembering to rotate it towards the right as far as it will go.
- Place the pre-warmed cup or cups on the drip tray under the filterholder spout (fig. 14).  
When the "OK" pilot lamp lights, press the delivery switch. When the desired quantity of coffee is obtained (generally 20-30 seconds), turn the delivery switch (X) off.
- Wait a few seconds before detaching the filter holder by turning the handle from right to left.
- To remove the used coffee grounds retain the filter in position using the thumb guard fitted to the handle; turn the filter-holder upside down and knock the coffee grounds out (fig. 15).

If the machine is not used for a long time, switch it off and drain the water tank.

When starting the machine again, carry out a pre-wash as described previously.

## HOW TO MAKE AN AUTHENTIC ITALIAN CAPPUCCINO

- Use a deep metal container, preferably of small diameter. Do not fill to more than 1/3rd, otherwise the milk may overflow when it boils.
- Switch the machine on by pressing the "ON/OFF" switch (**U**).
- Press the steam switch (**V**). After about 3 minutes, the OK pilot lamp (fig. 16) lights to indicate that the machine has reached the correct temperature for the generation of steam. Immerse the cappuccino nozzle in the milk and turn the steam control knob counterclockwise. Adjust the position of the knob to regulate the quantity of steam delivered by the nozzle.  
When using the steam function, a few drops of water may escape from the nozzle: this is completely normal. However, care should be taken to avoid scalding the milk.
- Immerse the nozzle into milk down to the mark on the "cappuccino" nozzle .
- Lower the container until the nozzle skims the surface of milk (fig. 17), immersing the nozzle slightly from time to time for a few seconds.

Note: For a few moments, the steam will come out mixed together with a little water. In order to obtain drier steam, hold the steam knob open for a few seconds.

Note: Immediately after use, clean the steam nozzle as follow:

- Release the steam for few seconds by opening the steam control knob;
- Unscrew the cappuccino nozzle by turning gently to the left (fig. 18) and wash it carefully in hot water;
- Clean the steam tube;
- Replace the steam nozzle;
- From time to time, use a pin to clean the holes in the cappuccino nozzle

## PRODUCING STEAM

Steam is useful for heating liquids such as tea, soup, etc.

### Operating instructions

- Press the ON/OFF switch **(U)** and the steam switch **(V)**.
- After a few minutes, the "OK" pilot lamp lights to indicate that the machine has reached the correct temperature for the selected function (in this case, the making of steam).
- Immerse the steam nozzle in the liquid to be heated and turn the steam control knob counterclockwise. Adjust the position of the knob to regulate the quantity of steam delivered by the nozzle.
- When the liquid is hot, completely close the steam knob and turn the ON/OFF switch **(U)** and the steam switch **(V)** off.
- Clean the steam nozzle immediately after use.
- For a few moments, the steam will come out mixed together with a little water. In order to obtain drier steam, hold the steam knob open for a few seconds.

When making coffee after using the machine to produce steam, it is advisable to let the water flow from the boiler outlet in order to bring the machine back to the ideal temperature required to make a perfect cup of coffee.

If so proceed as follows:

- close the steam control knob;
- press the delivery switch allowing water to flow from the boiler nozzle;
- turn the delivery switch off and repeat operations previously described.

### Producing hot water

(to prepare tea, hot chocolate, consommé, etc.)

- Press the ON/OFF switch **(U)**.
- Wait until the "OK" pilot lamp lights (fig. 4).
- Place a cup or glass under the steam nozzle.
- Press the delivery switch and, at the same time, open the steam control knob.
- Hot water will flow from the nozzle. As soon as the desired quantity of hot water has been obtained, close the knob and turn the delivery switch off.

***Always remember to fill the water tank.***

## CLEANING AND MAINTENANCE

- Before carrying out any cleaning or maintenance operations, switch the machine off, remove the plug from the socket and leave the machine to cool.
- Do not use solvents, detergents or abrasive products to clean the machine. A soft damp cloth is sufficient.
- Clean the filter holder, filters, drip tray and water tank regularly.
- Do not wash the machine - remember that it is an electrical appliance.
- Never wash components or accessories in a dishwasher.

## DE-SCALING

If you live in a hard water area, minerals and calcium found in the water will accumulate and affect the operation of the machine. Approximately every 1-2 months (depending on the hardness of the water in your area), your De'Longhi espresso maker should be cleaned with a commercial de-scaling agent for coffee makers as follows:

- Fill the water tank with water and mix in the de-scaling agent.
- Operate the appliance, as if making coffee, until the tank is empty, then rinse thoroughly. Sometimes open the steam tap.
- Repeat this procedure 2 - 3 times with fresh water only in order to remove any residual de-scaling agent.

Note: This operation may be dangerous if other substances are used.



## TROUBLESHOOTING

PROBLEM	SOLUTION
<ul style="list-style-type: none"> <li>Machine does not work and switch light does not come on</li> </ul>	<ul style="list-style-type: none"> <li>Switch to "ON" position</li> <li>Plug in</li> </ul>
<ul style="list-style-type: none"> <li>Coffee does not come out</li> </ul>	<ul style="list-style-type: none"> <li>Check that the coffee/water delivery switch is depressed</li> <li>Fill the water tank</li> <li>Grind coffee more coarsely</li> <li>Tamp coffee lightly</li> <li>Reduce the quantity of coffee in the filter</li> <li>Check that the water tube is correctly positioned</li> <li>Open the steam control knob and press the coffee/water delivery switch.</li> <li>Unit may need de-scaling. Directions for descaling are on page 7.</li> </ul>
<ul style="list-style-type: none"> <li>Coffee comes out too quickly</li> </ul>	<ul style="list-style-type: none"> <li>Use finer ground coffee</li> <li>Increase the quantity of coffee in the filter</li> <li>Tamp the coffee firmly</li> </ul>
<ul style="list-style-type: none"> <li>Coffee comes out too thick or too slowly</li> </ul>	<ul style="list-style-type: none"> <li>Use more coarsely-ground coffee</li> <li>Reduce the quantity of coffee in the filter</li> </ul>
<ul style="list-style-type: none"> <li>Coffee comes out from the filter holder edge</li> </ul>	<ul style="list-style-type: none"> <li>Insert the filter holder correctly and pull to the right</li> <li>Reduce the quantity of coffee in the filter</li> </ul>
<ul style="list-style-type: none"> <li>No crema on coffee</li> </ul>	<ul style="list-style-type: none"> <li>Use fresh, good-quality coffee</li> <li>Grind the coffee correctly</li> <li>Increase the quantity of coffee in the filter</li> </ul>
<ul style="list-style-type: none"> <li>Coffee in the cup is cold</li> </ul>	<ul style="list-style-type: none"> <li>Rinse the filters, filter-holder and cups in hot water before making espresso coffee</li> </ul>
<ul style="list-style-type: none"> <li>The milk does not foam</li> </ul>	<ul style="list-style-type: none"> <li>Use fresh cold low-fat milk</li> <li>The air holes in the cappuccino jet frother are obstructed. Use a needle to clean the air-holes</li> <li>Check that steam comes out of the tube</li> </ul>
<ul style="list-style-type: none"> <li>No steam is produced</li> </ul>	<ul style="list-style-type: none"> <li>Check that the switch is in position "ON"</li> <li>Check that the "OK" lamp is lit</li> <li>The steam knob has not been opened fully</li> <li>No water in the water tank or in the boiler</li> </ul>
<ul style="list-style-type: none"> <li>Pump makes loud noises</li> </ul>	<ul style="list-style-type: none"> <li>No water in the water tank</li> <li>Water tank not inserted correctly</li> <li>Water intake tube kinked</li> </ul>



## Limited Warranty

**What Does This Warranty Cover?** We warrant each Espresso Coffee Machine to be free from defects in material and workmanship. Our obligation under this warranty is limited to replacement or repair, free of charge at our factory or authorized service centers, of any defective part or parts there of other than parts damaged in transit, which shall be returned to us, transportation prepaid. This warranty shall apply only if the Espresso Coffee Machine is used in accordance with the factory directions which accompany it.

**How Long Does The Coverage Last?** This warranty runs for one year from the date of delivery and applies only to the original purchaser.

**What Does This Warranty Not Cover?** This warranty does not cover defects or damage of the Espresso Coffee Machine which result from repairs or alterations to the machine outside our factory or authorized service centers, nor shall it apply to any Espresso Coffee Machine which has been subject to abuse, misuse, negligence or accidents. Also, consequential and incidental damages resulting from the use of this product or arising out of any breach of contract or breach of this warranty are not recoverable under this warranty. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

**How Do You Get Service?** If repairs become necessary or spare parts are needed, please write to:

De'Longhi America Inc.  
Park 80 West Plaza One - 4th floor  
Saddle Brook, NJ 07663  
or call Service Tel. No. 800-322-3848

The above warranty is in lieu of all other express warranties and representations; All implied warranties are limited to the applicable warranty period set forth above. This limitation does apply if you enter into an extended warranty with De'Longhi. Some states do not allow limitations on how long an implied warranty lasts, so the above exclusions in connection with the sale or use of its Espresso Coffee Machine.

**How Does State Law Apply?** This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.