

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [De'Longhi](#) /

› [De'Longhi ECP31.21 Manual Espresso Machine User Manual](#)

De'Longhi ECP31.21

De'Longhi ECP31.21 Manual Espresso Machine User Manual

Model: ECP31.21

INTRODUCTION

Thank you for choosing the De'Longhi ECP31.21 Manual Espresso Machine. This appliance is designed to prepare authentic espresso, cappuccino, and other coffee beverages. Please read this manual carefully before using the appliance to ensure safe and optimal operation. Keep this manual for future reference.



Image: Front view of the De'Longhi ECP31.21 Manual Espresso Machine, showcasing its compact design and control knob.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury to persons.

- Read all instructions before use.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock, and personal injury, do not immerse cord, plugs, or appliance in water or other liquid.

- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or personal injury.
- Do not use outdoors.
- Do not let cord hang over edge of table or counter, or touch hot surfaces.
- Do not place on or near a hot gas or electric 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 appliance for other than intended use.
- Exercise extreme caution when dispensing hot steam.

PRODUCT COMPONENTS

Familiarize yourself with the parts of your De'Longhi ECP31.21 espresso machine:

- **Water Reservoir:** Transparent and removable, with a capacity of 1.1 liters.
- **Cup Warmer:** Metal surface on top of the machine to keep cups warm.
- **Control Knob:** For selecting functions (Off, Espresso, Steam, Hot Water).
- **Indicator Lights:** Separate lights for On/Off, Espresso, and Cappuccino functions.
- **Professional Filter Holder:** Features a premium aluminum finish and accommodates three types of filters: one-cup, two-cup, and ESE pods.
- **Cappuccino System (Steam Wand):** Adjustable with 360° flexibility for frothing milk or dispensing hot water.
- **Drip Tray:** Removable, designed to accommodate tall cups.
- **Coffee Tamper:** Included for compacting ground coffee in the filter.



Image: Top view of the espresso machine, highlighting the removable water reservoir and cup warmer area.

SETUP

1. **Unpacking:** Carefully remove the machine from its packaging. Remove all packing materials and ensure all components are present.
2. **Initial Cleaning:** Before first use, wash the water reservoir, filter holder, filters, and drip tray with warm water and mild detergent. Rinse thoroughly.
3. **Positioning:** Place the machine on a stable, level surface, away from water splashes and heat sources. Ensure adequate space around the machine for ventilation.
4. **Fill Water Reservoir:** Remove the transparent water reservoir from the back of the machine. Fill it with fresh, cold drinking water up to the MAX level indicator. Replace the reservoir securely.
5. **First Use / Priming the Circuit:**
 - Ensure the water reservoir is filled.
 - Place a container under the steam wand.
 - Plug the machine into a suitable power outlet (220-240V / 50-60Hz).
 - Turn the control knob to the "On" position. The indicator lights will illuminate.
 - Once the "OK" light is steady, turn the control knob to the "Hot Water" position (usually indicated by a steam icon or hot water icon) and let water flow through the steam wand until a steady stream is achieved. This primes the internal circuit.
 - Turn the control knob back to the "Off" position. The machine is now ready for use.

OPERATING INSTRUCTIONS

Making Espresso

1. **Preheat the Machine:** Ensure the water reservoir is filled. Turn the machine on. Wait for the "OK" light to illuminate steadily, indicating the machine has reached the correct temperature. For best results, place the filter holder (with filter inserted) onto the machine and run a short cycle of hot water through it without coffee to preheat the filter holder and cup.
2. **Prepare the Coffee:**
 - Select the appropriate filter (1-cup, 2-cup, or ESE pod filter).
 - For ground coffee, fill the filter with freshly ground espresso coffee. Use the included tamper to lightly press the coffee. Ensure the coffee level is below the rim of the filter.
 - For ESE pods, place one pod into the ESE pod filter.
3. **Attach Filter Holder:** Insert the filter holder into the group head and turn it firmly to the right until it is securely locked.
4. **Place Cup:** Position one or two espresso cups on the drip tray directly under the filter holder spouts.
5. **Brew Espresso:** Turn the control knob to the "Espresso" position. Coffee will begin to flow. Turn the knob back to the "Off" position once the desired amount of espresso is dispensed.
6. **Remove Filter Holder:** Carefully remove the filter holder by turning it to the left. Dispose of the used coffee grounds or pod.



Image: The De'Longhi ECP31.21 machine actively brewing espresso into a clear glass cup, showing the coffee stream.

Frothing Milk (Cappuccino System)

1. **Prepare Milk:** Fill a pitcher with cold milk (dairy or non-dairy) to about one-third full.
2. **Activate Steam:** Turn the control knob to the "Steam" position. Wait for the "OK" light to illuminate steadily, indicating the steam boiler is ready.
3. **Purge Steam Wand:** Briefly open the steam knob to release any condensed water from the wand into a separate container, then close it.
4. **Froth Milk:** Immerse the steam wand into the milk, just below the surface. Open the steam knob fully. Move the pitcher up and down gently to create foam. Once the desired texture and temperature are reached, close the steam knob and remove the pitcher.
5. **Clean Steam Wand:** Immediately wipe the steam wand with a damp cloth to prevent milk residue from drying. Briefly open the steam knob again to clear any milk from inside the wand.

Dispensing Hot Water

1. **Prepare Machine:** Ensure the water reservoir is filled and the machine is on and preheated ("OK" light steady).
2. **Position Container:** Place a cup or container under the steam wand.
3. **Dispense Water:** Turn the control knob to the "Hot Water" position. Hot water will flow from the steam wand. Turn the knob back to "Off" when the desired amount is dispensed.

MAINTENANCE

Daily Cleaning

- **Filter Holder and Filters:** After each use, remove the filter holder, discard coffee grounds, and rinse the filter and filter holder under running water. Use a brush to clean any coffee residue from the filter.
- **Drip Tray:** Empty and rinse the drip tray daily or when the "full" indicator appears.
- **Steam Wand:** As mentioned in the operating instructions, wipe the steam wand immediately after frothing milk and briefly purge steam to clear any internal residue.
- **Water Reservoir:** Rinse the water reservoir regularly and refill with fresh water.
- **Exterior:** Wipe the exterior of the machine with a soft, damp cloth. Do not use abrasive cleaners or solvents.

Descaling

Over time, mineral deposits (limescale) can build up inside the machine, affecting performance and coffee quality. Regular descaling is essential.

- **Frequency:** Descale the machine every 2-3 months, or more frequently if you live in an area with hard water or use the machine heavily.
- **Procedure:** Use a commercial descaling solution specifically designed for espresso machines. Follow the instructions provided with the descaling solution carefully. Generally, this involves mixing the solution with water in the reservoir, running it through the machine, and then rinsing thoroughly with fresh water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No coffee dispensed or very slow flow.	Water reservoir empty. Coffee too finely ground or too heavily tamped. Filter clogged. Machine needs descaling.	Fill water reservoir. Use coarser grind or lighter tamp. Clean filter and filter holder. Perform descaling procedure.
Coffee is weak or watery.	Coffee too coarsely ground. Not enough coffee in filter. Machine not preheated.	Use finer grind. Add more coffee. Wait for "OK" light to be steady before brewing.

Problem	Possible Cause	Solution
No steam or weak steam.	Steam wand clogged. Machine not at steam temperature. Machine needs descaling.	Clean steam wand thoroughly. Wait for "OK" light to be steady in steam mode. Perform descaling procedure.
Water leaking from machine.	Water reservoir not correctly seated. Drip tray full or not correctly inserted. Filter holder not securely attached.	Ensure water reservoir is pushed in completely. Empty and correctly insert drip tray. Ensure filter holder is firmly locked into place.

SPECIFICATIONS

Model Number	ECP31.21
Power	1100 Watts
Water Tank Capacity	1.1 Liters
Pump Pressure	15 bar
Dimensions (L x W x H)	18.5 x 24 x 30.5 cm (7.3 x 9.4 x 12 inches)
Weight	4 kg (8.8 lbs)
Voltage / Frequency	220-240 V / 50-60 Hz
Material	Stainless Steel, Metal, Aluminum
Special Features	Adjustable Cappuccino System, Auto-off (9 minutes), Metal Cup Warmer, Removable Drip Tray, Water Filter (feature mentioned, but no details on type/location)

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the warranty card included with your product or visit the official De'Longhi website. Keep your proof of purchase for any warranty claims. You can find further assistance and contact information on the official De'Longhi support pages.