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De'Longhi ECAM 25.120

DeLonghi ECAM 25.120.B Automatic Coffee Machine User Manual

Model: ECAM 25.120.SB

1. Introduction

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your DeLonghi ECAM 25.120.B Automatic Coffee Machine. Please read all instructions carefully before using the appliance for the first time and keep this manual for future reference. Proper use and care will ensure optimal performance and longevity of your coffee machine.

2. Safety Instructions

Always observe basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and/or injury to persons. This appliance is intended for household use only.

- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Ensure the voltage indicated on the appliance corresponds to your main voltage before connecting.
- Do not operate the appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Keep hands and cords away from hot parts of the appliance during operation.
- Unplug from the 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 use attachments not recommended by the manufacturer.
- Close supervision is necessary when any appliance is used by or near children.

3. Product Overview

Familiarize yourself with the main components of your DeLonghi ECAM 25.120.B coffee machine.





Figure 1: Front view of the DeLonghi ECAM 25.120.B automatic coffee machine. This image displays the compact design, the central control panel with various beverage selection buttons, the adjustable coffee dispenser, the professional milk frother on the left, and the removable drip tray at the base. The water tank is visible on the right side.

Key Components:

- **Control Panel:** Features buttons for power, coffee strength, single/double espresso, long coffee, and a dial for adjusting coffee aroma.
- **Coffee Bean Container:** Located at the top, for whole coffee beans.
- **Ground Coffee Funnel:** For pre-ground coffee.
- **Water Tank:** Removable tank for fresh water, typically on the right side.
- **Professional Milk Frother:** Steam wand for frothing milk for cappuccinos and latte macchiatos.
- **Coffee Dispenser:** Adjustable height to accommodate different cup sizes.
- **Drip Tray:** Collects excess water and coffee drips, removable for cleaning.
- **Used Coffee Grounds Container:** Collects spent coffee pucks, located within the drip tray assembly.
- **Removable Brewing Unit:** The core component for coffee extraction, accessible for cleaning.

4. Setup

Follow these steps for the initial setup of your coffee machine.

1. **Unpacking:** Carefully remove the machine from its packaging. Remove all protective films and packaging materials.
2. **Placement:** Place the machine on a stable, level surface, away from water splashes and heat sources. Ensure adequate space around the machine for ventilation and access.
3. **Water Tank:** Remove the water tank, rinse it with fresh water, and fill it to the MAX level with fresh, cold tap water. Reinsert the tank firmly into its position.
4. **Coffee Beans:** Open the coffee bean container lid and pour fresh coffee beans into the container. Do not fill above the MAX level.
5. **Power Connection:** Plug the power cord into a grounded electrical outlet.
6. **First Use Cycle:** Turn on the machine. The machine will perform an automatic rinse cycle. Place a container under the coffee dispenser and the hot water/steam spout to collect the water. This process primes the circuits and heats the machine.

5. Operating Instructions

5.1 Making Espresso or Coffee

1. Ensure the machine is on and has completed its heating cycle (indicator lights are steady).
2. Place one or two cups under the coffee dispenser.
3. **Adjust Coffee Strength:** Use the aroma dial on the control panel to select your desired coffee strength (Min to Max).
4. **Select Beverage:** Press the button for a single espresso, double espresso, or long coffee. The machine will grind the beans, brew, and dispense the coffee.
5. **Using Pre-Ground Coffee:** If using pre-ground coffee, ensure the machine is on. Open the ground coffee funnel lid, add one level scoop of pre-ground coffee, then select your desired beverage. Do not add more than one scoop.

5.2 Milk Frothing (Cappuccino/Latte Macchiato)

The professional milk frother with variable regulator ensures perfect milk foam consistency.

1. Fill a pitcher with cold milk (preferably skimmed or semi-skimmed) to about one-third full.
2. Position the pitcher under the steam wand.
3. Press the steam button on the control panel. Wait for the steam indicator light to become steady.

4. Immerse the steam wand tip just below the surface of the milk. Turn the steam knob to release steam.
5. Move the pitcher slowly up and down to create foam. Once desired foam is achieved, immerse the wand deeper to heat the milk.
6. Turn off the steam knob and remove the pitcher. Clean the steam wand immediately after use with a damp cloth.

5.3 Adjusting Grind Setting

The extra quiet conical grinder has 13 levels for individually adjustable grind settings. Adjust the grind setting only when the coffee grinder is operating.

- To adjust, turn the grind adjustment dial located inside the coffee bean container.
- Turn clockwise for a finer grind (stronger coffee, slower flow).
- Turn counter-clockwise for a coarser grind (lighter coffee, faster flow).
- Make small adjustments and brew a few coffees to notice the change.

6. Maintenance and Cleaning

Regular cleaning and maintenance are crucial for the performance and lifespan of your machine.

6.1 Removable Brewing Unit

The brewing unit is easy to maintain, ensuring easy and hygienic cleaning.

1. Turn off the machine and unplug it.
2. Open the service door (usually on the right side).
3. Press the two release buttons and pull the brewing unit out.
4. Rinse the brewing unit under running tap water. Do not use detergents.
5. Clean the inside of the machine with a brush to remove any coffee residue.
6. Allow the brewing unit to air dry completely before reinserting.

6.2 Drip Tray and Grounds Container

Empty and clean these components daily or when indicated by the machine.

- Remove the drip tray and the used coffee grounds container.
- Empty the grounds and rinse both components with warm water and mild detergent.
- Dry thoroughly before reassembling.

6.3 Descaling

The machine will indicate when descaling is required. Use only DeLonghi descaling solution.

1. Follow the instructions provided with the descaling solution and the machine's display prompts.
2. The process typically involves mixing the descaler with water, running it through the machine, and then performing several rinse cycles.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Coffee is not hot enough.	Cups are cold; machine not preheated.	Preheat cups with hot water; allow machine to fully heat up.
Coffee is too weak or watery.	Grind setting too coarse; insufficient coffee dose.	Adjust grind to a finer setting; increase coffee strength via aroma dial.
No coffee dispensed.	Water tank empty; brewing unit blocked; coffee spout blocked.	Fill water tank; clean brewing unit; clean coffee spouts.
Milk frother not producing steam.	Steam nozzle blocked; machine not ready for steam.	Clean steam nozzle; wait for steam indicator light to be steady.
Machine requires descaling.	Accumulation of mineral deposits.	Perform descaling cycle as per instructions.

8. Specifications

- **Brand:** De'Longhi
- **Model Number:** ECAM 25.120.SB
- **Color:** Silver/Black
- **Capacity:** 2 Cups (1.8 Liters water tank)
- **Power:** 1450 Watts
- **Voltage:** 230 Volts
- **Energy Class:** A
- **Noise Level:** 45 Decibels
- **Product Dimensions (L x W x H):** 35.1 x 23.8 x 43 cm
- **Item Weight:** 9 Kilograms
- **Special Feature:** Professional Milk Frother, Removable Brewing Unit, Conical Grinder (13 levels)

9. Warranty and Support

For 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.

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