De'Longhi ECAM 23.120.B

DELONGHI ECAM 23.120.B Automatic Coffee Machine User Manual

Model: ECAM 23.120.B
Brand: De'Longhi

1. Introduction

This user manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your De'Longhi ECAM 23.120.B automatic coffee machine. Please read this manual thoroughly before using the appliance for the first time and keep it for future reference. This machine is designed to prepare various coffee beverages, including espresso, black coffee, and long coffee, from freshly ground beans or pre-ground coffee, and features a manual milk frothing system.

2. Safety Instructions

Always observe the following safety precautions to prevent injury or damage to the appliance:

- Ensure the voltage indicated on the appliance corresponds to your mains voltage.
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Keep the appliance out of reach of children.
- Unplug the machine from the power outlet before cleaning and when not in use.
- Do not operate the appliance if it has a damaged cord or plug, or if it malfunctions or has been damaged in any way.
- Use only original spare parts and accessories recommended by the manufacturer.
- Avoid contact with hot surfaces, such as the coffee spouts and steam nozzle, during operation.
- Never put your fingers or other objects into the coffee grinder.

3. Product Overview

Familiarize yourself with the components of your De'Longhi ECAM 23.120.B coffee machine.



Figure 3.1: Angled view of the De'Longhi ECAM 23.120.B automatic coffee machine, showing the control panel, coffee spouts, and steam wand.



Figure 3.2: Front view of the coffee machine, highlighting the main display and button layout.



Figure 3.3: Close-up of the control panel, showing the power button, coffee selection buttons, and the steam/hot water knob. The manual milk frothing wand is visible on the left.

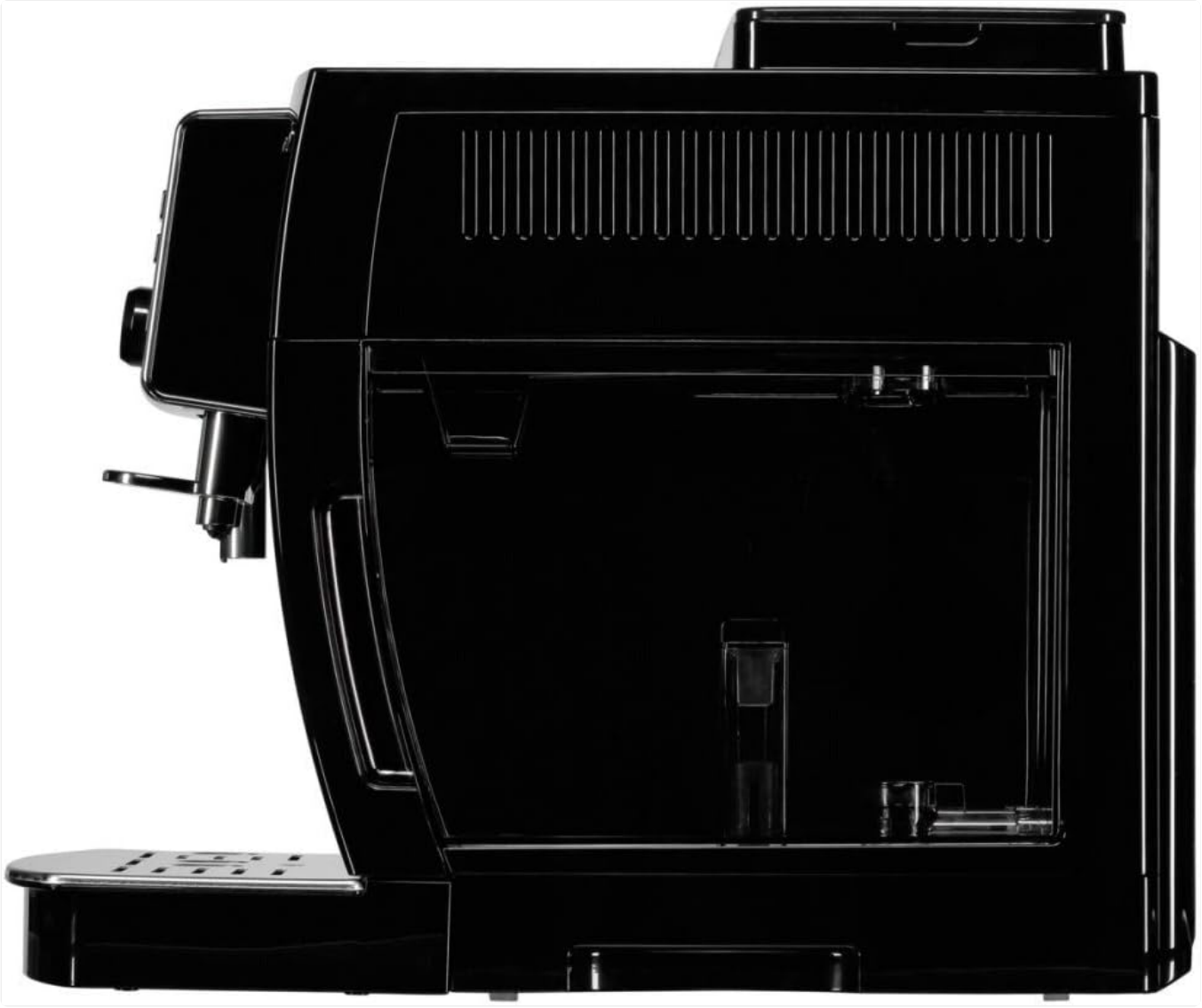


Figure 3.4: Side view of the coffee machine, illustrating the removable water tank compartment.

Main Components:

- **Bean Hopper:** For whole coffee beans (capacity: 250g).
- **Ground Coffee Funnel:** For pre-ground coffee.
- **Water Tank:** Removable, with water level indicator.
- **Control Panel:** Buttons for power, coffee selection, intensity, and a knob for grind adjustment.
- **Coffee Spouts:** Adjustable height (86-142mm) for different cup sizes.
- **Steam/Hot Water Wand:** For manual milk frothing and hot water dispensing.
- **Drip Tray:** Removable, with water level indicator, dishwasher safe.
- **Brewing Unit:** Internal, removable for cleaning.
- **Coffee Grounds Container:** Holds up to 14 spent coffee pucks.

4. Setup

4.1 Unpacking and Initial Placement

1. Carefully remove the machine from its packaging.
2. Place the machine on a stable, level surface, away from water splashes and heat sources.
3. Ensure adequate space around the machine for ventilation and access to components.

4.2 Filling the Water Tank

1. Remove the water tank from the back of the machine.
2. Fill the tank with fresh, cold tap water up to the MAX level indicator.
3. Replace the water tank securely in the machine.
4. *Optional:* Install the water filter (if included) as per its separate instructions.

4.3 Filling the Bean Hopper

1. Open the lid of the bean hopper on top of the machine.
2. Pour fresh coffee beans into the hopper. Do not overfill.
3. Close the lid firmly to preserve bean freshness.

4.4 First Use Cycle

1. Plug the machine into a grounded power outlet.
2. Place a container under the coffee spouts and the steam wand.
3. Press the power button to turn on the machine.
4. The machine will perform an automatic rinsing cycle. Wait for the machine to complete this cycle and indicate it is ready for use.

5. Operating Instructions

5.1 Making Coffee from Beans

1. Ensure the water tank is filled and the bean hopper contains coffee beans.
2. Place one or two cups under the coffee spouts. The height of the spouts can be adjusted.
3. Select your desired coffee type (e.g., Espresso, Long Coffee) by pressing the corresponding button.
4. To adjust coffee intensity, press the aroma button before brewing.
5. The machine will grind the beans and brew the coffee automatically.



Figure 5.1: The De'Longhi ECAM 23.120.B brewing two cups of espresso simultaneously, demonstrating the dual coffee spout functionality.

5.2 Making Coffee from Pre-Ground Coffee

1. Press the pre-ground coffee button (usually indicated by a spoon icon).
2. Open the ground coffee funnel and add one level scoop of pre-ground coffee. Do not add more than one scoop.
3. Place a cup under the coffee spouts.
4. Press the desired coffee type button. The machine will brew one cup of coffee.

5.3 Adjusting Grind Setting

The grinder has 13 adjustable settings. To change the grind setting:

1. Adjust the grind setting knob located inside the bean hopper.
2. **Important:** Only adjust the grind setting when the coffee grinder is operating.
3. Turn clockwise for a finer grind (stronger coffee, slower flow) or counter-clockwise for a coarser grind (lighter coffee, faster flow).

5.4 Manual Milk Frothing (Cappuccino System)

1. Fill a jug with cold milk (preferably semi-skimmed).
2. Place the jug under the steam wand.
3. Press the steam button on the control panel. Wait for the machine to reach the correct temperature.
4. Immerse the steam wand into the milk and turn the steam knob to release steam.
5. Move the jug in a circular motion to create creamy milk foam.
6. Once desired foam is achieved, turn off the steam knob and clean the steam wand immediately.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your coffee machine.

6.1 Daily Cleaning

- **Drip Tray:** Empty and clean the drip tray daily. It is dishwasher safe.
- **Coffee Grounds Container:** Empty the container when prompted by the machine or at least every 72 hours.
- **Steam Wand:** After each use, wipe the steam wand with a damp cloth and purge a small amount of steam to clear any milk residue.

6.2 Weekly/Monthly Cleaning

- **Brewing Unit:** Remove the brewing unit (refer to specific instructions in the full manual for removal) and rinse it under running water. Allow it to air dry before reinserting.
- **Water Tank:** Clean the water tank regularly with a mild detergent and rinse thoroughly.

6.3 Descaling

The machine will indicate when descaling is required. Follow the instructions provided with your De'Longhi descaling solution. Regular descaling is crucial for machine performance and coffee quality.

6.4 Water Filter Replacement

If you use a water filter, replace it approximately every two months, or as indicated by the machine or filter instructions.

7. Troubleshooting

This section addresses common issues you might encounter. For more complex problems, contact customer support.

Problem	Possible Cause	Solution
Coffee is too weak/watery.	Grind is too coarse; insufficient coffee dose; old beans.	Adjust grind to a finer setting; increase coffee intensity; use fresh beans.
No coffee dispenses.	Water tank empty; brewing unit blocked; machine needs descaling.	Fill water tank; clean brewing unit; perform descaling cycle.

Problem	Possible Cause	Solution
Milk does not froth properly.	Steam wand blocked; milk not cold enough; incorrect milk type.	Clean steam wand; use cold, fresh milk (preferably semi-skimmed); ensure wand is properly immersed.
Machine is noisy.	Normal operation (grinding); air in circuit; machine needs descaling.	Perform a hot water cycle to remove air; perform descaling.

8. Specifications

Feature	Specification
Model Number	ECAM 23.120.B
Dimensions (L x W x H)	43 x 23.8 x 35.1 cm
Weight	9.1 kg
Input Power	1450 Watts
Pump Pressure	15 bar
Water Tank Capacity	Removable
Bean Hopper Capacity	250 g
Grind Settings	13 levels
Coffee Types	Espresso, Black Coffee, Long Coffee
Milk System	Manual Cappuccino System
Adjustable Coffee Spout Height	86-142 mm
Material	Stainless Steel, Plastic
Special Features	Adjustable coffee intensity, adjustable grind, adjustable temperature, integrated grinder, automatic descaling program, energy saving function, removable drip tray, removable water tank.

9. Warranty and Support

Your De'Longhi ECAM 23.120.B coffee machine comes with a standard manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and coverage details.

For technical assistance, spare parts, or service, please contact De'Longhi customer support in your region. Contact information can typically be found on the De'Longhi official website or on your product's packaging.

When contacting support, please have your product model number (ECAM 23.120.B) and serial number (if applicable) ready.

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