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De'Longhi ESAM 2900

De'Longhi ESAM 2900 Caffe Cortina Automatic Coffee Machine

User Instruction Manual

1. Introduction

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your De'Longhi ESAM 2900 Caffe Cortina automatic coffee machine. Please read this manual thoroughly before first use and keep it for future reference.

2. Safety Instructions

- Ensure the appliance is connected to a grounded power outlet with the correct voltage (220-240V, 50/60 Hz).
- Do not immerse the appliance, power cord, or plug in water or other liquids.
- Keep the appliance out of reach of children.
- Do not operate the appliance if it has a damaged cord or plug, or if it malfunctions or has been damaged in any way.
- Always unplug the appliance before cleaning and when not in use.
- Use only cold, fresh water in the water tank.
- Never put pre-ground coffee into the bean hopper.
- Exercise caution when handling hot surfaces and steam.

3. Product Overview

Familiarize yourself with the components of your De'Longhi ESAM 2900 coffee machine.




DēLonghi
CAFFE'
CORTINA
MIN
MAX
ECO

Figure 1: Front view of the De'Longhi ESAM 2900 Caffe Cortina coffee machine. This image displays the machine in black, with two silver espresso cups on the drip tray. Key features visible include the control panel with rotary dials and buttons, the coffee spouts, and the steam wand on the right side. The overall dimensions are indicated as approximately 38cm in height, 36cm in width, and 29cm in depth.

Key Components:

- **Control Panel:** Buttons and rotary dials for operation and settings.
- **Bean Hopper:** For whole coffee beans.
- **Water Tank:** Removable, for fresh water.
- **Coffee Spouts:** Dispense brewed coffee.
- **Drip Tray:** Collects excess liquid.
- **Grounds Container:** Collects used coffee grounds.
- **Steam Wand:** For frothing milk and dispensing hot water.
- **Cup Warmer:** Located on top of the machine.

4. Setup and First Use

4.1 Unpacking

1. Remove all packaging materials from the appliance.
2. Place the machine on a stable, level surface, away from water and heat sources.
3. Ensure proper ventilation around the machine.

4.2 Initial Rinse Cycle

1. Fill the water tank with fresh cold water up to the MAX level.
2. Plug the appliance into a power outlet.
3. Place a container under the coffee spouts and the steam wand.
4. Turn on the machine. The machine will perform an automatic rinse cycle. Follow any on-screen prompts or indicator lights.
5. Empty and clean the drip tray and grounds container after the cycle.

5. Operating Instructions

5.1 Making Coffee from Whole Beans

1. Ensure the water tank is filled and the bean hopper contains fresh coffee beans.
2. Place one or two cups under the coffee spouts.
3. Select your desired coffee strength using the coffee strength dial.
4. Select the desired coffee volume using the coffee volume dial.
5. Press the coffee button (single or double cup) to start brewing. The machine will grind the beans and dispense coffee.

5.2 Using Pre-Ground Coffee

This machine is primarily designed for whole beans. For pre-ground coffee, use the dedicated pre-ground coffee funnel (if available) and follow specific instructions in the full manual. Do not add more than one scoop of pre-ground coffee per brew cycle.

5.3 Adjusting Grind Settings

The grind setting can be adjusted using the grind adjustment dial located inside the bean hopper. Adjust this setting*only when the grinder is operating*. A finer grind produces stronger coffee, a coarser grind produces weaker coffee. There are 13 grind settings available.

5.4 Frothing Milk / Hot Water Dispensing

1. Ensure the machine is heated to steam temperature (indicator light on).
2. Place a container under the steam wand.
3. Turn the steam/hot water dial to the steam position to dispense steam for frothing milk, or to the hot water position for hot water.
4. Turn the dial back to the off position when finished.
5. Clean the steam wand immediately after use.

6. Maintenance

6.1 Daily Cleaning

- **Drip Tray and Grounds Container:** Empty and rinse daily. The machine will indicate when the grounds container is full.
- **Water Tank:** Rinse daily and refill with fresh water.
- **Coffee Spouts:** Wipe with a damp cloth.
- **Steam Wand:** After each use, wipe the steam wand with a damp cloth to remove milk residue. Purge a small amount of steam to clear any internal blockages.

6.2 Weekly Cleaning (Infuser Unit)

1. Turn off and unplug the machine.
2. Open the service door (usually on the right side).
3. Press the two red release buttons and pull out the infuser unit.
4. Rinse the infuser unit thoroughly under running water. Do not use detergents.
5. Clean the inside of the machine with a damp cloth.
6. Allow the infuser unit to air dry before reinserting.

6.3 Descaling

The machine will indicate when descaling is required. Use only De'Longhi descaling solution. Follow the instructions provided with the descaling solution and the machine's specific descaling program. Regular descaling is crucial for machine longevity and coffee quality.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Coffee is not hot enough.	Cups are cold; machine not preheated; temperature setting too low.	Preheat cups using the cup warmer or hot water function. Allow machine to fully heat. Adjust coffee temperature setting.
Coffee is too weak or watery.	Grind setting too coarse; insufficient coffee dose; old beans.	Adjust grind to a finer setting (while grinder is running). Increase coffee strength setting. Use fresh coffee beans.
No coffee dispensed.	Water tank empty; infuser unit blocked; coffee spouts blocked.	Fill water tank. Clean the infuser unit. Clean coffee spouts.
Machine is noisy during grinding.	Normal operation; foreign object in grinder.	Some noise is normal. If excessive or unusual, check bean hopper for foreign objects. Contact support if problem persists.

For other issues, refer to the complete troubleshooting guide in the full product manual or contact customer support.

8. Specifications

Model Number	ESAM 2900
Brand	De'Longhi
Power	1450 Watts
Voltage	220-240 Volts
Water Tank Capacity	1.8 Litres
Bean Hopper Capacity	200g
Pump Pressure	15 bar
Dimensions (L x W x H)	38 x 29 x 36 cm
Weight	10 Kilograms
Special Features	Cup warmer, Integrated coffee grinder, Removable brewing unit

9. Warranty and Support

For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official De'Longhi website. For technical support, spare parts, or service, please contact De'Longhi customer service in your region. Keep your proof of purchase for warranty claims.

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