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De'Longhi ECO310R Espresso Maker Instruction Manual

Model: ECO310R

1. PRODUCT OVERVIEW

The De'Longhi ECO310R is a semi-automatic espresso maker designed to deliver professional-quality espresso and milk-based coffee beverages. Key features include a durable stainless steel boiler, a 15-bar professional pump, and a patented frother for creamy milk. Its compact design and user-friendly controls make it suitable for home use.



Image 1: De'Longhi ECO310R Espresso Maker in Red, highlighting 15-bar professional pressure, capability for espresso, cappuccino, latte, and authentic Italian espresso.

2. SETUP

1. **Unpacking and Placement:** Carefully remove all packaging materials. Place the espresso maker on a stable, flat surface away from water sources and heat. Ensure adequate ventilation around the unit.
2. **Filling the Water Tank:** The 48-ounce (1.4-liter) water tank is removable for easy filling. Lift the tank from the back of the machine, fill it with fresh, cold water up to the 'MAX' level, and securely place it back into position.
3. **Initial Rinse/Priming:** Before first use, or if the machine has been unused for a long period, perform an initial rinse. Fill the water tank, turn on the machine, and allow it to heat up. Place a container under the steam wand and open the steam knob to release hot water for a few seconds. Close the knob. This primes the system and removes any air pockets.
4. **Installing the Filter Holder:** Select the appropriate filter (single shot, double shot, or E.S.E. pod) and insert it into the portafilter. Attach the portafilter to the brewing head by aligning it and twisting firmly to the right until it locks into place.

SIZE



3. OPERATING INSTRUCTIONS

3.1 Brewing Espresso

1. **Power On:** Press the power button to turn on the machine. The indicator lights will flash while the machine preheats. Wait until the lights become solid, indicating the machine is ready.
2. **Pre-heat Cups:** For optimal temperature, place your espresso cups on the cup warmer tray on top of the machine or rinse them with hot water.
3. **Prepare Coffee:** Fill the chosen filter (single, double, or E.S.E. pod) with ground espresso coffee. Tamp the coffee evenly if using ground coffee. Wipe any excess coffee from the rim.
4. **Brewing:** Attach the portafilter to the brewing head. Place your pre-heated cup(s) under the spouts. Select the desired shot size (single or double) using the control panel. The machine will automatically brew the espresso.

3.2 Using the Milk Frother

1. **Prepare Milk:** Fill a pitcher with cold milk (dairy or non-dairy alternatives like almond or oat milk).
2. **Activate Steam:** Press the steam button on the control panel. The indicator light will flash and then become solid when the steam function is ready.
3. **Frothing:** Immerse the steam wand into the milk. Turn the steam knob on the side of the machine to release steam. Move the pitcher up and down to create desired foam and temperature.
4. **Stop Steaming:** Turn the steam knob off and then press the steam button to deactivate the steam function.

4. MAINTENANCE

1. **Cleaning the Filter Holder:** After each use, remove the portafilter and discard the used coffee grounds. Rinse the filter and portafilter under running water.
2. **Cleaning the Drip Tray:** The drip tray has a red float indicator that rises when the tray is full. Empty and clean the drip tray regularly. It is not dishwasher safe.
3. **Cleaning the Steam Wand:** Immediately after frothing milk, wipe the steam wand with a damp cloth to prevent milk residue from drying. Briefly open the steam knob to clear any milk from inside the wand.
4. **Descaling:** Regular descaling is crucial to maintain machine performance and longevity. Follow the descaling instructions in the full user manual, typically using a descaling solution every few months depending on water hardness and usage.

5. TROUBLESHOOTING

- **Lukewarm Espresso:** Ensure the machine is fully preheated (solid indicator lights). Pre-heat your cups on the cup

warmer or by rinsing with hot water before brewing.

- **No Espresso or Low Pressure:** This can be caused by an air pocket in the system. Perform an initial rinse/priming cycle as described in the Setup section. Also, ensure the coffee grind is appropriate (not too fine or too coarse) and the portafilter is securely attached.
- **Steam Wand Leaks:** Check that the steam knob is fully closed after use. If leaks persist, consult the full user manual or customer support.
- **Filter Holder Difficult to Attach:** Ensure the filter is correctly seated in the portafilter and that no coffee grounds are obstructing the brewing head. Apply firm, even pressure when twisting to lock.

6. SPECIFICATIONS

- **Brand:** De'Longhi
- **Model:** ECO310R
- **Color:** Red
- **Special Features:** Cup Warmer, Milk Frother, Programmable, Removable Tank
- **Coffee Maker Type:** Espresso Machine
- **Specific Uses For Product:** Espresso
- **Included Components:** Filter
- **Operation Mode:** Semi-Automatic
- **Voltage:** 120 Volts
- **Number of Items:** 1
- **Human Interface Input:** Dial
- **Unit Count:** 1.0 Count
- **Coffee Input Type:** Pod
- **Is Dishwasher Safe:** No
- **Manufacturer:** DeLonghi
- **Power Source:** AC adapter
- **Product Dimensions:** 10.24 x 11.42 x 14.96 inches
- **Item Weight:** 9.02 pounds
- **Capacity:** 1.4 Liters

7. WARRANTY AND SUPPORT

For warranty information, product registration, or further technical assistance, please refer to the warranty card included with your product or visit the official De'Longhi website. Customer support contact details can typically be found in the full user manual or on the brand's website.