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Model: ECM150

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, maintenance, and troubleshooting of your BLACK+DECKER ECM150 Manual Barista Pump Espresso Coffee Machine. Please read this manual thoroughly before first use and retain it for future reference.



Figure 1: The BLACK+DECKER ECM150 Espresso Machine in operation, dispensing espresso into two cups.

2. IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, and/or injury, basic safety precautions should always be followed when using electrical appliances. These include:

- Read all instructions before operating the appliance.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electric shock, 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. Contact customer service for examination, repair, or adjustment.
- The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.
- 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.
- Use extreme caution when disposing of hot steam.
- This appliance is intended for household use only.

3. PRODUCT COMPONENTS

Familiarize yourself with the various parts of your espresso machine before operation.





Figure 2: Front view of the espresso machine, showing the portafilter, drip tray, and control panel.

1. Water Tank (located at the back)
2. Control Panel (Power button, Espresso buttons, Steam/Water knob)
3. Portafilter Handle
4. Brew Head
5. Steam Wand / Milk Frother
6. Drip Tray and Removable Grid
7. Cup Warming Plate (top surface)

4. INITIAL SETUP AND FIRST USE

Before using your espresso machine for the first time, follow these steps:

1. **Unpacking:** Carefully remove all packaging materials and ensure all parts are present.
2. **Cleaning:** Wash the water tank, portafilter, filter baskets, and drip tray with warm soapy water. Rinse thoroughly and dry. Wipe the exterior of the machine with a damp cloth.
3. **Fill Water Tank:** Fill the water tank with fresh, cold water up to the MAX level. Place it back securely.
4. **Prime the Machine:**
 - Plug the machine into a grounded electrical outlet.
 - Turn on the machine using the power button. The indicator lights will flash.
 - Place a cup under the brew head.
 - Press the single-cup or double-cup button to run water through the system without coffee. Repeat this process 2-3 times to clean the internal components.
 - Turn the steam/water knob to the "STEAM" position and allow some steam to release from the steam wand to clear any air. Turn it back to "OFF".
5. Your machine is now ready for use.

5. OPERATING INSTRUCTIONS

5.1 Making Espresso

1. **Preheat:** Ensure the machine is preheated. The indicator lights will stop flashing and remain solid when ready.
2. **Prepare Portafilter:** Insert the desired filter basket (single or double shot) into the portafilter.
3. **Add Coffee:** Fill the filter basket with finely ground espresso coffee. Do not overfill.
4. **Tamp Coffee:** Use a tamper to press the coffee grounds firmly and evenly. Wipe any excess coffee from the rim.
5. **Attach Portafilter:** Align the portafilter with the brew head, insert it, and twist firmly to the right until it is securely locked.
6. **Place Cup(s):** Place one or two espresso cups on the drip tray directly under the portafilter spouts.
7. **Brew Espresso:** Press the single-cup or double-cup button. The machine will automatically brew the espresso and stop when complete.
8. **Remove Portafilter:** Once brewing is complete, carefully twist the portafilter to the left to remove it. Dispose of the used coffee grounds.



Figure 3: The espresso machine actively brewing two shots of espresso.

5.2 Frothing Milk (for Cappuccinos and Lattes)

1. **Prepare Milk:** Fill a stainless steel frothing pitcher with cold milk (whole milk is recommended for best results) to just below the spout.
2. **Activate Steam:** Turn the steam/water knob to the "STEAM" position. Wait for the steam indicator light to illuminate steadily, indicating the machine is ready to produce steam.
3. **Purge Steam Wand:** Briefly open the steam knob to release any condensed water from the wand into an empty cup, then close it.
4. **Froth Milk:** Immerse the tip of the steam wand just below the surface of the milk. Slowly open the steam knob. Move the pitcher up and down gently to create foam. For latte art, aim for a creamy, velvety texture.
5. **Stop Frothing:** Once the desired volume and temperature are reached, close the steam knob and remove the pitcher.
6. **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.



Figure 4: A hand demonstrating the milk frothing process using the steam wand.

6. CARE AND MAINTENANCE

Regular cleaning and maintenance will ensure the longevity and optimal performance of your espresso machine.

- **Daily Cleaning:**

- Empty and rinse the drip tray after each use.
- Remove and clean the portafilter and filter basket after each use.
- Wipe down the steam wand immediately after frothing milk.
- Wipe the exterior of the machine with a damp cloth.

- **Water Tank:** Clean the water tank periodically with warm soapy water and rinse thoroughly.

- **Descaling:** Mineral deposits can build up over time, affecting machine performance. Descale your machine every 2-3 months, or more frequently if you have hard water.

- a. Prepare a descaling solution according to the descaler manufacturer's instructions (or use a mixture of white vinegar and water).
- b. Fill the water tank with the descaling solution.
- c. Place a large container under the brew head and steam wand.
- d. Run half of the solution through the brew head by pressing the espresso button.
- e. Run the remaining half through the steam wand by turning the steam knob.
- f. Rinse the machine by filling the water tank with fresh water and running it through both the brew head and steam wand twice.

7. TROUBLESHOOTING GUIDE

Refer to the table below for common issues and their solutions.

Trouble shooting		
Problem	Cause	Solution
Water leaks from the bottom of coffee maker.	There is much water in the drip tray.	Clean the drip tray.
	The coffee maker is malfunctioning.	Please contact with the authorized service facility for repairing.
Water leaks out of outer side of filter.	There is some coffee powder on filter edge.	Dispose them.
Acid (vinegar) taste exists in Espresso coffee.	Not rinsed properly after cleaning mineral deposits.	Repeat the instructions in "before the first use" for several times.
	The coffee powder is stored in a hot, wet place for a long time. The coffee powder turns bad.	Please use fresh coffee powder, or store unused coffee powder in a cool, dry place. After opening a package of coffee powder, reseal it tightly and store it in a refrigerator to maintain its freshness.
The coffee maker is not working.	The power outlet is not plugged well.	Plug the power cord into a wall outlet correctly, if the appliance still does not work, please contact the authorized service facility for repairing.
Frothing is not happening.	Preheating is not completed.	Wait for the flashing indicators to stop, and then you can start frothing.
	The container is too big or the shape is not suitable for frothing.	Use high and narrow cup.
	You have used skimmed milk.	Use whole milk or half-skimmed milk.
Single-cup indicator and double-cup indicator blinking quickly.	Dispensed hot water for 215ml and the knob is not reset. The knob is not reset after cooling down.	Reset knob to off position.
Steam indicator blinking quickly.	Made steam for 180s and the knob is not reset.	Reset knob to off position.
Single-cup indicator or double-cup indicator blinking quickly.	Boiler temp is too high.	Turn knob to "🔥" position, perform cooling operation.
Single-cup indicator and double-cup indicator and steam indicator blinking quickly.	The knob is not reset to off position, but the machine turned on.	Reset knob to "OFF" position.
All indicators blinking at the same time for 5 times.	Need to descale.	Follow the instructions in "Cleaning mineral deposits".

Figure 5: A detailed troubleshooting table outlining common problems, their causes, and recommended solutions.

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Single-cup indicator & double-cup indicator and steam indicator blinking quickly.	The knob is not reset to off position, but the machine turned on.	Reset knob to "OFF" position.
All indicators blinking at the same time for 5 times.	Need to descale.	Follow the instructions in "Cleaning mineral deposits".

8. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	BLACK+DECKER
Model Number	ECM150
Color	Silver
Product Dimensions (D x W x H)	40 x 24 x 37 cm
Capacity	1 Liters
Power / Wattage	1450 watts
Voltage	240V
Material	Silver (finish)
Special Features	Milk Frother
Item Weight	4.5 Kilograms

Feature	Detail
Coffee Maker Type	Espresso Machine
Recommended Uses	Cafe-style beverages, Customizable coffee preferences

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact BLACK+DECKER customer service directly. Keep your proof of purchase for warranty claims. You can often find contact details on the official BLACK+DECKER website or through your retailer.