Eureka Atom 60mm

Eureka Atom 60mm Espresso Grinder User Manual

Model: Atom 60mm

1. Introduction

The Eureka Atom 60mm Espresso Grinder is designed for precision and quiet operation, making it an excellent choice for home baristas. This manual provides detailed instructions for the safe and efficient use, maintenance, and troubleshooting of your grinder. Please read this manual thoroughly before operating the appliance.
Key features of the Eureka Atom 60mm include:

- **60mm Flat Burrs:** Large burrs ensure efficient and uniform grinding.
- **Sound Insulation:** Engineered for quiet operation, ideal for various environments.
- **Timer-Based Dosing:** Allows for precise, repeatable single or double shot grinding.
- **Removable Bean Hopper:** Facilitates easy cleaning and maintenance.
- **Manual Pulse Grind:** Provides on-demand grinding flexibility.

2. Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and/or injury to persons.

- Read all instructions before operating the grinder.
- Do not immerse the grinder, cord, or plug in water or other liquids.
- Unplug from outlet when not in use, before putting on or taking off parts, and before cleaning.
- Avoid contact with moving parts.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been dropped or damaged in any manner.
- The use of attachments not recommended or sold by the manufacturer may cause fire, electric shock, or injury.
- 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 ensure the hopper lid is securely in place before operating.
- Only grind whole roasted coffee beans. Do not grind other substances as this may damage the burrs and void the warranty.

3. Product Overview

Familiarize yourself with the components of your Eureka Atom 60mm Espresso Grinder.



Figure 3.1: Front view of the Eureka Atom 60mm Espresso Grinder, showing the bean hopper, digital display, control buttons, and portafilter fork.



Figure 3.2: Side view of the Eureka Atom 60mm Espresso Grinder, highlighting its compact design and the main power switch located on the side.

- **Bean Hopper:** Transparent container for holding whole coffee beans.
- **Hopper Lid:** Covers the bean hopper.
- **Grind Adjustment Knob:** Located on the top right, used for stepless grind size adjustment.
- **Digital Display:** Shows grind time settings and operational status.
- **Control Buttons:** Used to navigate menus, adjust grind times, and select dosing modes.
- **Portafilter Fork:** Adjustable support for holding your portafilter during grinding.
- **Grind Activation Button/Switch:** Activates grinding when a portafilter is inserted or pressed manually.
- **Main Power Switch:** Located on the side or rear of the unit to turn the grinder on/off.

4. Setup

1. **Unpacking:** Carefully remove the grinder and all accessories from the packaging. Retain packaging for future

transport or storage.

2. **Placement:** Place the grinder on a stable, flat, and dry surface. Ensure there is adequate ventilation around the unit.
3. **Initial Cleaning:** Before first use, wipe the exterior with a damp cloth. Wash the bean hopper and lid with warm, soapy water, rinse thoroughly, and dry completely. Ensure no water enters the electrical components.
4. **Assemble Hopper:** Place the clean, dry bean hopper onto the grinder body. Ensure it is seated correctly and securely.
5. **Connect Power:** Plug the power cord into a grounded electrical outlet (120 Volts).
6. **Power On:** Locate the main power switch (typically on the side or rear) and switch the grinder to the 'ON' position. The digital display should illuminate.

5. Operating Instructions

5.1 Filling the Bean Hopper

- Ensure the grinder is powered off or unplugged before filling.
- Remove the hopper lid.
- Pour whole roasted coffee beans into the hopper. Do not overfill.
- Replace the hopper lid securely.

5.2 Adjusting Grind Settings

The Eureka Atom features a stepless micrometric grind adjustment system, allowing for very fine control over grind size.

- To adjust the grind, turn the grind adjustment knob located on the top right of the grinder.
- Turning the knob clockwise (finer) or counter-clockwise (coarser) will change the grind size.
- It is recommended to adjust the grind setting while the burrs are running (grinding a small amount of coffee) to prevent burr lock-up, especially when going finer.
- Experiment with small adjustments to find the ideal grind size for your brewing method.

5.3 Setting Grind Time (Timer-Based Dosing)

The digital display and control buttons allow you to set precise grind times for single and double shots.

- Use the '+' and '-' buttons on the control panel to increase or decrease the grind time displayed on the screen.
- The grinder typically has two programmable settings, often labeled for single and double shots. Select the desired setting using the appropriate button.
- Press the 'Menu' or 'Program' button (refer to specific button icons on your model) to save your settings.

5.4 Grinding Coffee

1. Ensure the grinder is powered on and the hopper is filled.
2. Place your portafilter onto the portafilter fork, ensuring it is stable.
3. **Automatic Grinding:** Push the portafilter against the activation button/switch. The grinder will dispense coffee for the pre-set time.
4. **Manual Pulse Grinding:** For on-demand grinding, press and hold the dedicated pulse button (if available) or the portafilter activation switch without a portafilter. Release to stop grinding.
5. Once grinding is complete, remove the portafilter.

6. Maintenance

Regular cleaning and maintenance will ensure optimal performance and longevity of your Eureka Atom grinder.

6.1 Daily Cleaning

- **Bean Hopper:** If not single-dosing, empty any remaining beans from the hopper at the end of the day. Wipe the inside with a dry cloth.
- **Grind Chute:** Use a brush or vacuum cleaner to remove any residual coffee grounds from the grind chute and around the portafilter fork area.
- **Exterior:** Wipe the exterior of the grinder with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.

6.2 Burr Cleaning (Periodic)

For thorough cleaning of the burrs, follow these steps:

1. **Unplug the Grinder:** Always ensure the grinder is unplugged from the power outlet before performing any deep cleaning.
2. **Remove Hopper:** Empty the bean hopper and remove it from the grinder.
3. **Access Burrs:** Depending on your specific model, you may need to remove a few screws to access the upper burr. Refer to your grinder's specific instructions for burr removal.
4. **Clean Burrs:** Use a stiff brush (often provided with the grinder) and/or a vacuum cleaner to remove all coffee grounds and oils from both the upper and lower burrs. Do not use water or cleaning agents on the burrs.
5. **Clean Grinding Chamber:** Brush out the grinding chamber thoroughly.
6. **Reassemble:** Carefully reassemble the burrs and hopper, ensuring all parts are correctly aligned and secured.

7. Troubleshooting

Problem	Possible Cause	Solution
Grinder does not turn on.	Not plugged in; Main power switch off; Circuit breaker tripped.	Ensure power cord is securely plugged in. Check main power switch. Reset circuit breaker if necessary.
Inconsistent grind size.	Burrs are dirty or worn; Grind setting too coarse/fine; Beans are stale or oily.	Clean burrs thoroughly. Adjust grind setting incrementally. Use fresh, quality beans.
Excessive static during grinding.	Dry air conditions; Accumulation of grounds in chute; Specific bean characteristics.	Ensure grind chute is clean. Consider adding a very small amount of water (a few drops) to beans before grinding in very dry conditions (RDT - Ross Droplet Technique). Ensure the anti-static LED (if present and functional) is not obstructed.
Grinder motor runs but no coffee dispenses.	Grind chute clogged; Hopper empty; Burrs locked up.	Unplug and clean the grind chute. Refill hopper. If burrs are locked, try adjusting coarser while running, or clean burrs.

Problem	Possible Cause	Solution
Grinder is unusually loud.	Foreign object in burrs; Burrs loose or damaged.	Unplug and inspect burrs for foreign objects. If problem persists, contact customer support.

8. Specifications

Feature	Detail
Brand	Eureka
Model	Atom 60mm
Colour	Black
Product Dimensions	26.67 x 18.29 x 43.82 cm
Item Weight	6.8 kg (15 Pounds)
Capacity (Hopper)	567 g
Power/Wattage	450 watts
Voltage	120 Volts
Material	Metal
Burr Type	60mm Flat Burrs

9. Warranty and Support

The Eureka Atom 60mm Espresso Grinder comes with a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions, including coverage period and limitations.
For technical support, service, or warranty claims, please contact Eureka customer service or your authorized dealer. Contact information can typically be found on the manufacturer's official website or on your purchase receipt.
Online Resources: For additional support, FAQs, and product registration, visit the official Eureka website.

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