



INSTRUCTION MANUAL

bunafr Roaster

Smart Smokeless Home Coffee Roaster

*This document is an instruction manual (user manual) created by
Intelligent Bean Co., doing business as (dba) Bunafr.*

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1. WELCOME

Dear Coffee Lover,

Welcome to the Bunafr Community! And thank you for choosing the Bunafr Home Coffee Roaster. Today, you join the movement of roasting coffee on-demand, giving you control over all variables to make your coffee taste how you want it.

Bunafr means coffee fruit in Ethiopia's Amharic language. I started this company with a mission to provide the best possible coffee tailored to each individual's taste while making it fair to farmers and reducing the carbon footprint for the planet. We invented this roaster to enable both a coffee pro and a coffee lover to roast coffee effortlessly and enjoy coffee at the peak of taste.

Bunafr remains committed to continuously improving the roaster, App, green coffee beans, and overall ecosystem while providing the best customer experience. Please stay tuned for updates on our website (www.bunafr.com), and for safety and optimal performance, please follow the instructions in this manual.

With Passion,

Anjani Annumalla and Team Bunafr

Transforming the coffee experience from farm to cup!

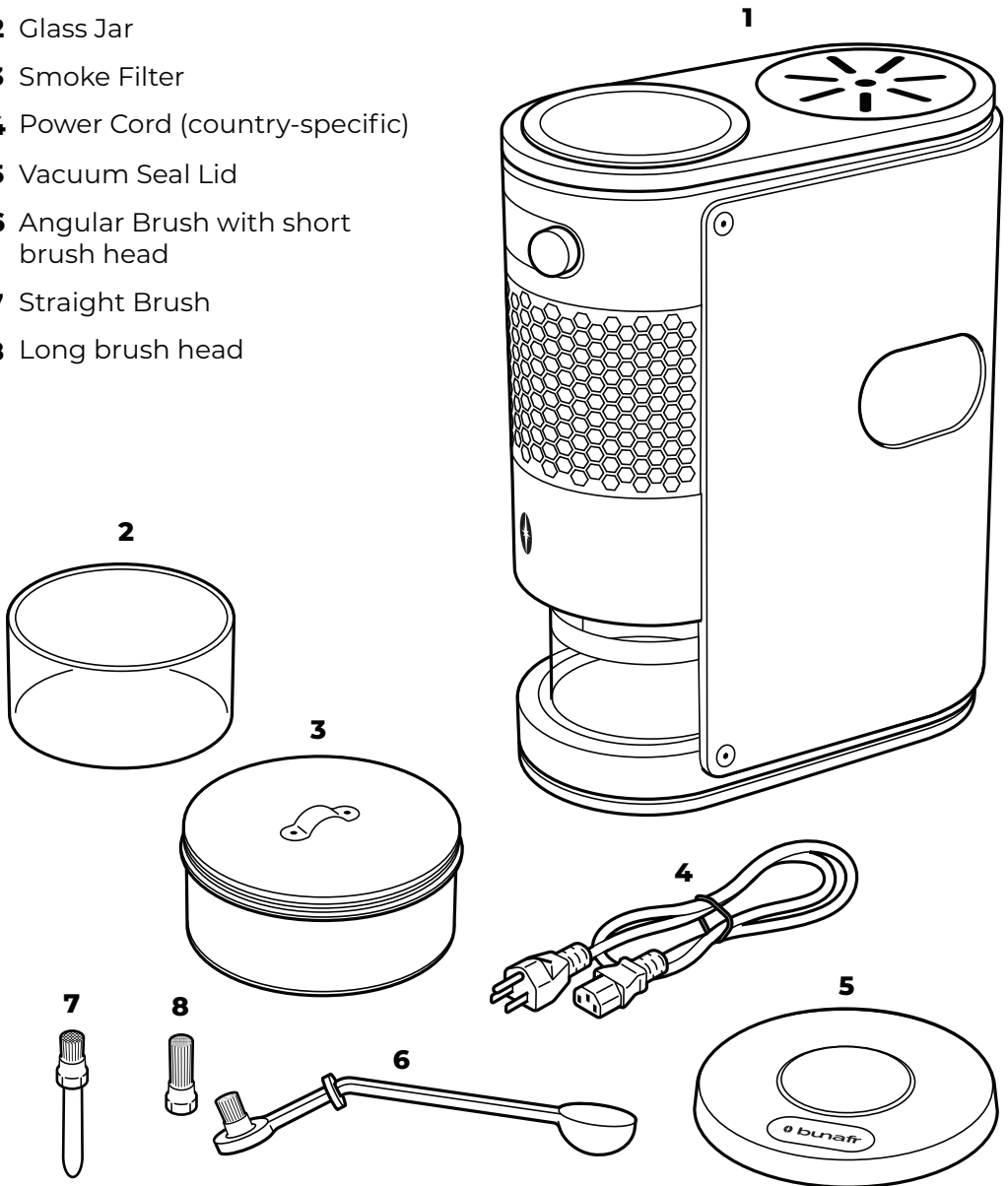
Instagram | Facebook | YouTube | LinkedIn

Contact us at: **info@bunafr.com**

2. CONTENTS OF PACKAGE

The package includes:

- 1** Bunafr Home Coffee Roaster
- 2** Glass Jar
- 3** Smoke Filter
- 4** Power Cord (country-specific)
- 5** Vacuum Seal Lid
- 6** Angular Brush with short brush head
- 7** Straight Brush
- 8** Long brush head



Bonafr Roaster Features:

- Smoke Suppression During Coffee Roasting
- Fully Automated
- Variable Batch Size 100-300g
- 4 to 5 Different Roast Levels are custom-perfected for each coffee
- Roasting Companion App - to create your roast profile and share
- Roast Quality and Consistency unlike ever before
- Compact Design - optimized for home kitchen countertops
- First Crack Detection (coffee beans crack during roasting)
- Pre-heating ability
- Multiple temperature sensors: Bean, Inlet, Exhaust, Roast Plate
- Variable Agitation Speed
- Offline Mode
- Auto Dispense into a storage jar
- Vacuum seal lid

3. ONE YEAR WARRANTY

This product has a one-year parts warranty from the date of purchase. If any defect arises due to faulty materials or workmanship, return the appliance to Bunafr for repair or replacement, at Bunafr's options. This is your exclusive warranty.

The following conditions apply

- The product must be installed and used following the instructions contained in this instruction manual.
 - It does not cover wear and tear, damage, misuse of the product.
 - Bunafr has no responsibility for incidental or consequential loss or damage.
-

For warranty and repair related questions or concerns, contact **support@bunafr.com**. For out-of-warranty assistance, contact **info@bunafr.com**. For more information about our warranty see our terms and conditions on our website.

4. INTRODUCTION

CONGRATULATIONS! About This Manual. This Instruction manual belongs to the owner of the Bunafr Roaster.

Read this Operator's Manual before operating the appliance



- Pay special attention to the safety precautions presented in this manual, as they prevent accidents causing appliance damage or human injury.
 - This appliance can be dangerous. Therefore, reading this manual entirely before the operation is essential.
 - This manual describes characteristics unique to your Bunafr Roaster.
 - In this manual, safety is a priority. By reading it, you will become aware of the dangers and hazards of operating this appliance.
-

Using This Manual

This Operator's Manual is created to help familiarize you with Safety, Assembly, Operation, Adjustments, Maintenance, and Troubleshooting.

4.1. Safety Warning Messages in this Manual

Read this manual carefully before using the Bunafr Roaster to understand how to use it correctly.

- After reading, store the manual in a safe place that is easily accessible for everyone working with the appliance.
 - Incorrect handling of the appliance could result in damage or personal injury.
 - The manufacturer assumes no responsibility for any damage caused by mishandling beyond normal usage defined in this Instruction manual.
-



DANGER

- This symbol indicates imminently dangerous situations that will lead to damage or severe injury if not avoided.
-



WARNING

- This symbol indicates potentially dangerous situations that may lead to serious injury if not avoided.



CAUTION

- This symbol indicates potentially dangerous situations that may lead to minor or moderate injury if not avoided.

-
- Any warranty claim will be rejected if you exceed the maintenance intervals for the claim for the essential appliance components.
-

4.2. Intended Users

Intended users are persons aged over 12 years. We recommend adult supervision for user under age 18.

4.3. Intended Use

The Bunafr Roaster is intended to roast your coffee only for Household use.

4.4. Unintended Use

Using this Bunafr appliance for purposes other than intended use may cause injury, property damage, or damage to the machine

4.5. Intended Operating Conditions

| | |
|-------------------------|-------------------------|
| Ambient temperature | 16° to + 38°C |
| Temp. Transport/Storage | -10° up to + 40°C |
| Lighting | Normal ambient lighting |

5. SAFETY



WARNINGS

- Read and understand all Safety measures and Warnings before installing, operating, or adjusting.
- Untrained persons who have not thoroughly read and understood this manual should never operate the appliance.
- Refer to all safety decals in this manual. Read all instructions noted on them.

5.1. Safety Rules for the Bunafr Coffee Roaster



WARNINGS

- The hot surface symbol indicates that a surface gets hot. ⚠ Do not touch a hot surface.
- Do not place the appliance on marble surfaces or untreated/oiled woodwork (no liability in the event of non-removable coffee or descaler stains).
- Before setting up the Bunafr Roaster, check it for any visible damage.

When using electrical appliances, basic safety precautions should always be followed including the following:

- 1 Read all instructions.
- 2 Do not touch hot surfaces. Use handles or knobs.
- 3 To protect against electrical shock do not immerse cord, plugs, or main body of appliance in water or other liquid.
- 4 Close supervision is necessary when any appliance is used by or near children.
- 5 Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
- 6 Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
- 7 The use of accessory attachments not recommended by the appliance.
- 8 Do not use outdoors.
- 9 Do not let cord hang over edge of table or counter, or touch hot surfaces.

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- 10** Do not place on or near a hot gas or electric burner, or in appliance.
 - 11** Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.
 - 12** 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.
 - 13** Do not use appliance for other than intended use.
 - 14** Extension Cord:a) A short power-supply cord is provided to reduce the risk resulting from becoming entangled in or tripping over a longer cord.b) Extension cords are available and may be used if care is exercised in their use. c) The marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance; d) The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally;e) The appliance is of the grounded type, the cord set or extension cord should be a grounding-type 3-wire cord.
 - 15** Appliances are not intended to be operated by means of an external timer or separate remote-control system.
 - 16** To turn on the WiFi, turn the knob once to the left from the home screen to see "Start WiFi —> Yes or No". Select "Yes" by pushing the button to start WiFi. When roaster is connected to a WiFi network a ▽ icon is displayed.
 - 17** To turn on the Bluetooth (BLE), turn the knob twice to the left from the home screen to see "Start BLE —> Yes or No". Select "Yes" by pushing the button to start BLE. When roaster is connected to a device via Bluetooth a □ icon is displayed.
 - 18** To Stop the Roast at any given time when the roaster is actively roasting, turn the knob once to the left from the home screen to see "Stop Roast —> Yes or No". Select "Yes" by pushing the button to stop Roasting.
 - 19** Do not pull the power cable or turn off the machine while it is actively operating.
 - 20** Household Use only.
-

5.1.1. Rules for Safe Installation

- Install the appliance on a dry, horizontal, stable, flat surface. The surface must resist heat and liquids like water and descaling fluid. Avoid soft surfaces or soft tablecloths.
- Maintain a distance of 24 inches from the sink and 20 inches from an open flame and/or hot areas.
- Ensure the appliance and its power cable are not located near stove/hobs, gas cookers, naked flames, or hot surfaces.

-
- Ensure the voltage on the rating label aligns with the mains voltage.
 - Before connecting the appliance to the main supply, ensure the data sticker rating corresponds to the household supply's voltage and frequency. These data must correspond to avoid the risk of damage to the appliance. Consult a qualified electrician if you have any questions.
 - The electrical safety of this appliance can be guaranteed only when it is correctly earthed (grounded). If there is any doubt, have the electrical installation tested by a qualified electrician.
 - Do not connect the appliance to the main power supply by an extension lead or multiple sockets.
 - Regularly inspect the power cord and plug for damage; replace through Bunafr or a qualified professional if necessary. Keep power cord away from sink and faucets.
 - Unplug the appliance when not used, during cleaning.
 - Only use recommended accessories or Apps to prevent injuries, fire, or electric shock.
 - Disconnect the plug from the power socket if you don't use the appliance for an extended period.
-

5.1.2. Risk of Damage to the Appliance due to Overheating

- Ensure there is adequate ventilation and exhaust extraction from the roaster.
 - Do not cover the appliance with clothes or something similar while operating it.
-

5.1.5. Operating Safety

Safety Decals and Markings on the Appliance

Your Bunafr Roaster comes equipped with safety decals in place. The decals are designed to help you safely operate your implement. Read and follow their directions.

- Keep all safety decals clean and legible.
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WARNING DECAL

- Read and understand the User Manual before operation, or maintenance, or repair of the Bunafr Roaster

6. ASSEMBLING & OPERATION

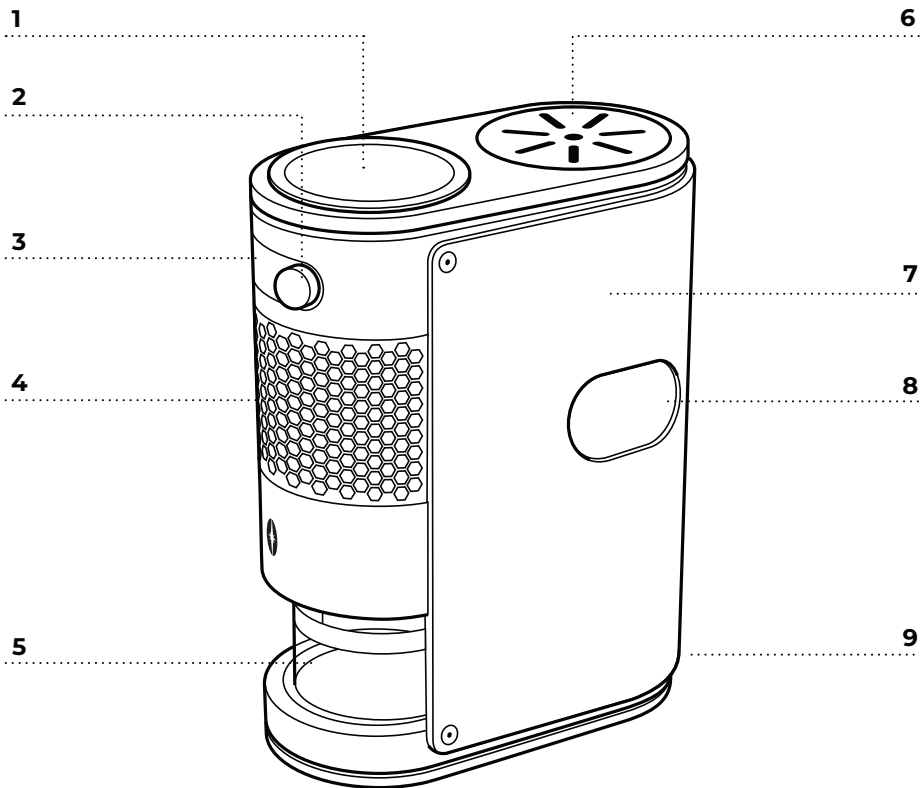
6.1. ASSEMBLING

Contents of the Package

- Bunafr Home Coffee Roaster Including a Glass Jar, Chaff Collector, Smoke filter, and Power cable. **Do not submerge power cable in water.**

6.2. Overview

- | | |
|----------------------------|--------------------------|
| 1 Green bean hopper | 6 Smoke filter & exhaust |
| 2 User interface button | 7 Roaster shroud |
| 3 Display | 8 Chaff collector |
| 4 Smart roasting chamber | 9 Power plug |
| 5 Roasted bean storage jar | |



6.3. Setting Up Your Roaster

- 1 Place your Bunafr Roaster on a flat, hard surface with plenty of space around and on top to allow adequate air circulation.
 - 2 Place the glass jar below the roasting chamber.
 - 3 Set up the Bunafr App on your iOS or Android device. The Bunafr App allows for more customization of the roast profile; however, you can roast without the app by using the roaster user interface display and button. You will find the instructions for Bunafr App installation in the following section.
 - 4 Your Bunafr Roaster comes with default roast profiles for five roast levels and perfected roast profiles for the Bunafr Coffees that come with the roaster.
 - 5 When ready to roast, fill green coffee beans in the hopper and start roasting.
-

6.4. OPERATION



WARNINGS

- Do not move the appliance while it is in operation.
- Improper use may damage the appliance and pose injury risks.
- Do not touch hot surface areas.
- Hot air is released through the vent of the roaster during the roasting process. Never obstruct the vent; leave enough clearance space to vent hot exhaust air.
- Never leave the appliance unattended while powered and operating.
- Follow only recommended cleaning, maintenance, and repair instructions which are described in the maintenance, and cleaning section.
- Do not use the appliance if it is damaged; in that case, send it back to the supplier.
- Keep the appliance away from children under 12 years of age.

6.5. Workspace



NOTICE

- The Bunafr Roaster is not suitable for commercial use.
 - The appliance is not designed for use outdoors.
 - It is not allowed to use the appliance in a non-stationary location (e.g. on ships, in vehicles, in trains, etc.).
 - The manufacturer assumes no liability for consequences resulting from improper use.
-

6.6. Getting Started with the Bunafr App

Apple (iOS)



Android



- 1 Ensure your Bunafr Roaster is plugged in and power is ON.
 - 2 Open the Bunafr App, and connect to the Bunafr Roaster via Bluetooth on your appliance.
 - 3 Program your Bunafr Roaster with a roast profile using the app. Experiment with different levels of roast, beans, temperature curves, airflow, and agitator speed.
 - 4 Access your roast history for reference.
 - 5 Save your favorite roast profiles to repeat them.
 - 6 Share your coffee moments, findings, and adventures with the Bunafr community.
-

6.7. How To Roast Green Coffee Beans



WARNINGS

- Be aware that the appliance gets hot and some surfaces get very hot. Touching these surfaces during the process may cause injury.
- Do not touch any front part of the appliance or glass except the UI knob and the jar for roasted beans.
- Always ensure there is enough clearance above the roaster for ventilation.

6.7.1. Pre-Heating and Roasting

- 1 Fill the hopper with your desired quantity of green coffee beans (100-300 g) and place the glass jar underneath to capture roasted beans. Overfilling may cause damage to the machine and create a lot of smoke. Dust off any excessive chaff.
- 2 Initiate the roasting process by using the roaster UI (display and knob) or through the App.
- 3 If you use the Roaster UI, rotate the knob and select the coffee and roast level you want.

For example: “Select Coffee” ~ “Costa Rica”, and “Select Roast Level” ~ “Light”. If it is non-Bunafr coffee, choose Generic coffee by “Select Coffee” ~ Generic. If you are using Bunafr coffee, choose the proper coffee.

For example: “Select Coffee” ~ “Costa Rica”.

- 4 Once you have chosen coffee, select the roast profile by rotating the knob.

For example: “Select Roast Level” ~ “Light”.

- 5 Once you have chosen the roast level, push the roasting button.
- 6 Using the Bunafr App for Roasting, you can choose default roast profiles or create your custom roast profile by adjusting heat, airflow, and agitation settings. Scan the QR code on the coffee bag and select the roast mode “Auto Roast” or “Custom Roast”.
- 7 For Auto Roast, select one of the Roast profiles from “Light”, “Medium”, “Medium-Dark”, “Dark”, and “French”.
- 8 For Custom Roast, select all the settings from scratch.

For example: Heat Level 7, Fan Level 4, and Agitator Level 6. See more in the Bunafr App. For more details, see the video and instructions on YouTube.
- 9 After approximately 7 to 10 minutes, the roasting process is complete, the dispensing door will open, and the roasted beans will drop into the glass jar.
- 10 Smell the beautiful aromas and brew as needed right away or after a specific time according to your taste preferences.
- 11 Secure the included lid on the glass jar to vacuum-seal your fresh roasted coffee.

6.7.2. Cool Down

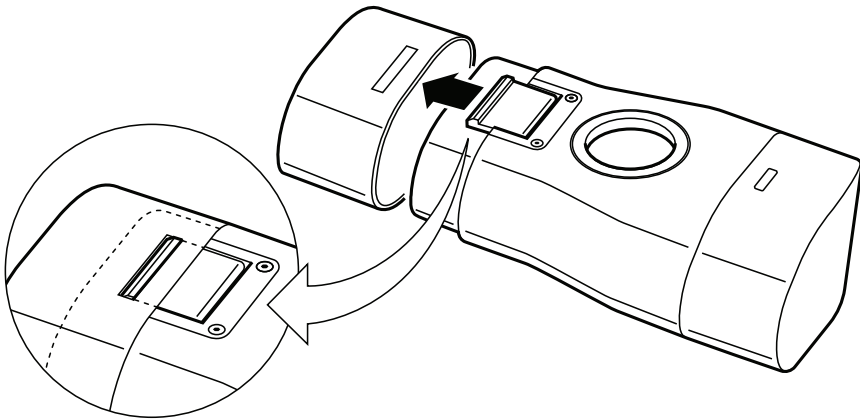
- 1 If you are using the auto roast profiles, the cooling phase of the process is already part of the roasting process, and you won't have to make any changes, so ignore steps 2 and 3.
- 2 If you use a custom roast profile, once you achieve the desired roast temperature of beans (BT) or desired roast duration, open the pop-up button and press “Stop Roast” or manually cool down beans by turning heat 0 and fan 7.

-
- 3** You can use the same pop-up button to mark the first crack start and end, the second crack start and end, and the Agitator rotation direction.
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6.8. Chaff Removal & Environment

The Bunafr roaster comes equipped with an integrated and transparent chaff collection box. Chaff is collected during every roast cycle, and the chamber fills up over time. To clean the chaff from the chamber:

- 1** First, make sure the roaster has cooled completely after your roast.
- 2** Unplug the appliance, remove the chaff collection unit, open the chamber as illustrated below, and empty the chaff. Bunafr recommends emptying the chaff collector after every 1 to 2 roasts.



- 3** Discard the Chaff. It is wholly compostable and makes an excellent compost, but follow and check with your regional regulations first.

7. MAINTENANCE, CLEANING, REPAIR, AND DISPOSAL



WARNINGS

- Children must not carry out cleaning and maintenance unless they are 12 years or older and they are supervised.
- Withdraw the power plug and allow the appliance to cool down entirely before re-positioning, cleaning, or performing maintenance.
- Ensure the roaster is unplugged and at room temperature before maintenance.
- Do not attempt self-repair; contact Bunafr for assistance. Contact: support@bunafr.com
- Exercise caution and ensure that no liquid enters the internal components while cleaning.

7.1. Important Maintenance Safety Rules

- Never immerse the appliance entirely or partially in water or any other liquid.
- Never hold the appliance under running water.
- Only use suitable cleaning agents to clean the appliance.
- Do not use strong cleaning detergents or solvents.
- Do not use cleaning agents that dissolve coffee grease to clean the pipes in the appliance.
- Use a soft, damp cloth to clean the surface of the appliance.
- Only use cleaning agents recommended by the manufacturer. Avoid contact with eyes, skin, and other surfaces.
- Never open the housing of the appliance.
- Do not alter the electrical and mechanical design.

7.2. Cleaning and Maintenance Instructions

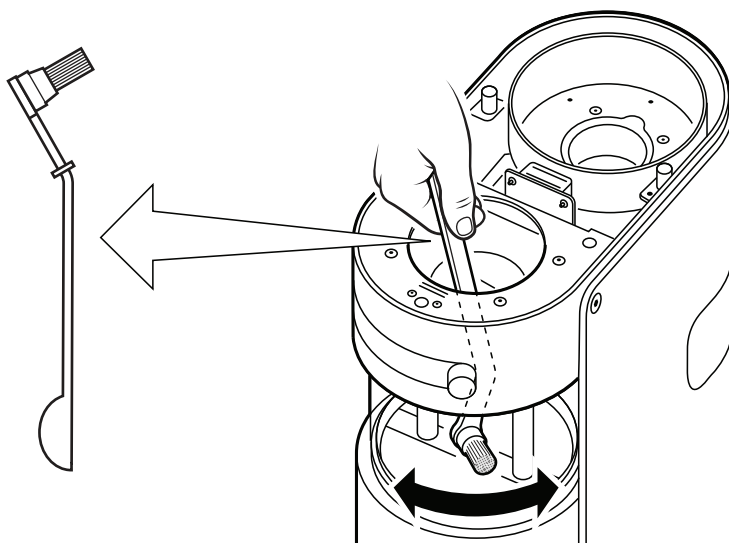
Cleaning the Chaff Collector

- After every 10-12 roasts, we recommend cleaning the chaff collector with water. You can use a gentle soap.
- To clean, take the chaff collector out by pressing the button at the back of the shroud to release the chaff collector.

-
- Take the chaff collector from the right side by gently pushing it on the left side.
 - Take the left end cap off and clean it in the running water.
 - Clean the whole chaff collector box with the fitting end cap attached to it under running water.
 - Dry it with a microfiber cloth. Once dry, replace the left end cap and slide the chaff collector back into the place. Do not put the chaff collector in the dishwasher.
-

Cleaning Roast Chamber

- To keep the glass and roast chamber clean look, we recommend dusting off chaff with supplied brushes after every 1 to 2 roasts.
- To do this, open the the hopper door using the app and dust the chaff particles by rotating the brush. Then open the dispense door and turn on the agitator using app.
- To clean the built up oils, we recommend using the brush with isopropyl alcohol. Dip the clean brush head in the isopropyl alcohol, remove excess so it doesn't drip and then rotate the brush. For more detailed instructions watch the video on YouTube



Cleaning Roasted Beans Storage Jar

- Use soapy water or put it in the dishwasher to clean the jar.
- To clean the jar lid, use soapy water. Do not use a dishwasher or microwave.

Replacing and Disposing of the Smoke Filter



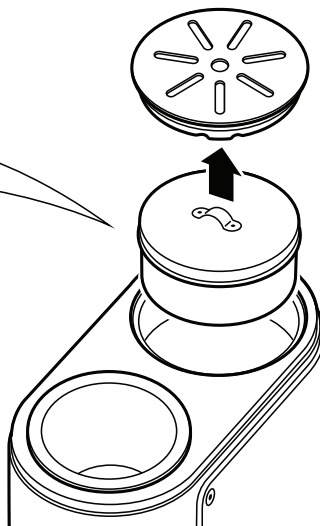
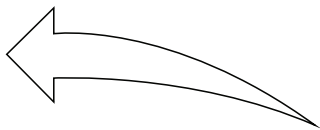
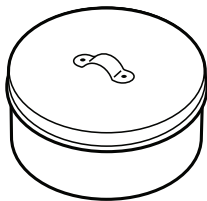
NOTICE

- You should replace the Smoke filter when the Bunafr display or the app indicates this.
- The life of the smoke filter depends on batch size and roast level.

Do the following to replace the Smoke filter:

- Switch off the roaster and let it cool down.
- Turn the exhaust cover plate anti-clockwise with your hand or a tool.
- Open the cover plate and replace the old filter with a new one.
- Recycle the old filter. Bunafr smoke filters are made of recyclable materials and can be fully recycled. Check your local regulations first.

You can buy the smoke filter on our website.



Cleaning the Filter Duct

- 1** Turn the exhaust cover plate anti-clockwise with your hand or a tool.
- 2** Open the cover plate and remove the filter pod.
- 3** Using the supplied brush clean the chaff on the metal mesh.

-
- 4** If required, remove the metal mesh, and clean with soap and water, or use the dishwasher.
 - 5** Clean the silicone gasket with the isopropyl alcohol and a cloth
 - 6** Put back the metal mesh.
 - 7** Put back the Smoke filter pod.
 - 8** Put back the exhaust cover plate by aligning it with the filter slots and rotating clockwise.

7.3. Repairs



- Do not do any repair of Bunafr Roaster at home or by another unauthorized user unless we have authorized videos. In case of any issues, please contact our support team - **support@bunafr.com**

7.4. Disposal

Environment



- The crossed-out bin symbol on parts, literature, or packaging indicates that all electrical and electronic equipment, batteries, and accumulators must be disposed of as chemical waste. So do not dispose of these products with regular commercial waste.
- To prevent potential harm to the environment or human health from uncontrolled waste disposal, please submit the products to a separate waste management organization and promote the sustainable reuse of materials. Please check with your local environmental/utilities organization for more details on what is the appropriate recycling and disposal practice.

8. TROUBLESHOOTING

In case of any of any issues, please contact us at: support@bunafr.com

9. SPECIFICATIONS

| | |
|--|---|
| Voltage: | 120 / 240 V AC - 50/60 Hz |
| Energy consumption: | 1500W |
| Capacity: | Max. batch size 300 g / Min. batch size 100 g |
| Heating Type: | Hybrid Roasting Technology - Conduction, Convection, Fluid Bed |
| Heat Source: | Electric Induction coil |
| Temperature range: | Room to 650F |
| Drum Type: | Stainless Steel |
| Temperature control: | Manual, PID, App |
| Ventilation and chaff collection: | Automatic |
| Dimensions W-D-H: | 4 x 12 x 16" / 102 x 305 x 406 mm |
| Weight: | 20 Lbs / 9.07 kg |

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note 1: *This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.*

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.*
- Increase the separation between the equipment and receiver.*
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- Consult the dealer or an experienced radio/TV technician for help.*

NOTE 2: *Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*

