

KF-JN-02

# Portable Electric Espresso Machine User Manual

Model: KF-JN-02 (Moltopresso)

Brand: Generic

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your Portable Electric Espresso Machine. Designed for coffee enthusiasts on the go, this compact and versatile machine allows you to brew rich, aromatic espresso anywhere. It features a self-heating function, USB-C charging, and compatibility with ground coffee, NES, and DG capsules.



Figure 1.1: Portable Electric Espresso Machine and its versatile brewing options.

This image displays the main unit of the portable espresso machine along with various components for different coffee types, including ground coffee, NES capsules, and DG capsules, demonstrating its 3-in-1 compatibility.

## 2. SAFETY INFORMATION

- Read all instructions before using the appliance.
- Do not immerse the main unit in water or other liquids. Only the removable components are washable.
- Keep out of reach of children.
- Use only the provided USB-C cable for charging.
- Ensure the water tank is filled before operating the heating or extraction functions to prevent damage to the pump.
- Do not open the machine during operation, especially when hot.
- Handle hot components with care.

## 3. PRODUCT COMPONENTS

Familiarize yourself with the parts of your Portable Electric Espresso Machine:

**Water Tank Cover:** Top lid for the water reservoir.

**Water Storage:** Reservoir for water.

**Fuselage:** Main body of the machine.

**Activation Button:** Power button with status indicator.

**Status Indicator:** Light indicating machine status (heating, extraction).

**USB-C Port:** Charging port.

**Powder Bin Lid:** Cover for the ground coffee powder bin.

**Powder Bin:** Container for ground coffee.

**Capsule Compartment (small cup):** Adapter for small capsules (e.g., NES).

**Capsule Bin (large cup)/Pressure Locking Compartment:** Adapter for large capsules (e.g., DG) and general pressure locking.

**Coffee Warehouse:** The cup where brewed coffee collects.

# Product Components Description





Figure 3.1: Exploded view of the Portable Electric Espresso Machine components.

This diagram illustrates all the individual parts of the espresso machine, including the water tank, main body, control button, USB-C port, and various adapters for different coffee types, along with the coffee collection cup.

## 4. SETUP

### 4.1 Initial Charging

Before first use, fully charge the machine using the provided USB-C cable. Connect the cable to the USB-C port on the machine and to a compatible power source (e.g., wall adapter, car charger, power bank). The status indicator light will show charging status.

### 4.2 Assembling for Coffee Preparation

Your machine supports three types of coffee preparation: large capsules (DG), small capsules (NES), and ground coffee. Follow the specific assembly procedure for your chosen coffee type:

1. **For Large Coffee Capsules (DG):** Insert the large capsule into the designated capsule bin. Attach this bin to the main unit.
2. **For Small Coffee Capsules (NES):** Insert the small capsule into the small capsule compartment. Attach this compartment to the main unit.
3. **For Ground Coffee:** Fill the powder bin with your desired amount of ground coffee. Place the powder bin lid on top. Attach the assembled powder bin to the main unit.

Ensure all components are securely twisted and locked into place to prevent leaks during operation.

# Accessory Assembly Procedure

## Coffee capsule (large)



## Coffee capsule (small cup)



## Coffee powder



Figure 4.1: Step-by-step assembly for large capsules, small capsules, and ground coffee.

This image provides a visual guide for assembling the machine for use with large coffee capsules, small coffee capsules, and ground coffee, showing the correct placement of each adapter and component.

## 5. OPERATING INSTRUCTIONS

### 5.1 Water Filling

Open the water tank cover and fill the water storage with up to 60ml of water. You can use either cold or pre-heated hot water depending on your preference and desired brewing speed.

### 5.2 Heating Water (for cold water)

If using cold water and you desire hot espresso, double-click the activation button. The button light will blink orange, indicating the machine is heating the water to 198°F (92°C). This process takes approximately 200 seconds. Once heating is complete, the machine will automatically proceed to extraction.

### 5.3 Direct Extraction (for pre-heated water)

If using pre-heated hot water, or if you prefer cold brew, press and hold the activation button for 2 seconds. The button light will blink green, and the machine will begin extracting coffee directly. This process is

quicker, typically around 60 seconds.

## Hot and cold. All in one machine

Add cold water, double-click to boil, and coffee extracts automatically after boiling.  
Add hot/cold water, hold for 2 seconds to extract coffee directly.

### Add cold water

Double click to enter heated extraction mode

Button light blinks orange



### Add Hot water

Press and hold for 2 s to enter direct extraction mode

Button light blinks green



### Add cold water

Press and hold for 2 s to enter direct extraction mode

Button light blinks green



Figure 5.1: Visual guide for hot and cold water brewing methods.

This image demonstrates the different operational modes: adding cold water for heated extraction (orange light), adding hot water for direct extraction (green light), and adding cold water for direct extraction (green light), illustrating the button light indicators for each mode.

### 5.4 Brewing with Different Coffee Types

Once the water is ready and the extraction process begins, the machine will apply up to 19-bar pressure to brew your coffee. The brewed espresso will dispense into the coffee warehouse (cup) at the bottom of the machine.



Figure 5.2: Overview of the machine's 3-in-1 coffee preparation capabilities.

This image showcases the machine's versatility, detailing how it can be used with large coffee capsules, small coffee capsules, and ground coffee, with an exploded view of the parts required for each method.

## 6. MAINTENANCE AND CLEANING

Regular cleaning ensures optimal performance and longevity of your espresso machine.

### 6.1 General Cleaning

- After each use, disassemble the removable parts (capsule adapters, powder bin, coffee warehouse).
- Rinse these components thoroughly with clean water. They are made of food-grade ABS materials and are easy to clean.
- To clean the internal system, simply add fresh water to the tank and run the machine once without any coffee or capsule. This will flush out any residue.
- Wipe the exterior of the main unit with a damp cloth. Do not immerse the main unit in water.

# Easy to clean

Simply add fresh water and run the portable coffee maker once without once without capsule to automatically clean the inside of the machine

The capsule adapter and food-grade coffee cup can also be easily removed and simply rinsed with water



Figure 6.1: Components of the machine being cleaned with water.

This image illustrates the ease of cleaning the portable espresso machine, showing its disassembled components being rinsed under water, highlighting the simple maintenance process.

## 7. TROUBLESHOOTING

### 7.1 Pump Air-Lock Issue

If the coffee maker's pump is run without water, it may become air-locked and unable to push water. This is a common issue with portable coffee makers and can be easily fixed.

**Solution:** To resolve this, simply use a syringe filled with water and carefully insert it into the small intake hole. Gently push water through the system to prime the pump. Once the water starts flowing, the coffee maker should function normally.

### 7.2 Other Issues

- **Machine not turning on:** Ensure the battery is charged. Connect to a power source and try again.
- **No water dispensing:** Check if the water tank is filled. Ensure all components are correctly assembled and tightened. Refer to the air-lock solution if applicable.
- **Coffee not hot enough:** Ensure you are using the heating function (double-click) if starting with cold water. Allow the full 200 seconds for heating.

## 8. SPECIFICATIONS

Feature	Detail
Model Name	Moltopresso (KF-JN-02)
Brand	Generic
Product Dimensions	3.28"D x 3.28"W x 9.66"H
Item Weight	1.49 pounds (678 grams)
Battery	7500mAh Lithium-Ion (Included)
Voltage	5V
Water Tank Capacity	60ml
Pressure System	Up to 19-bar
Heating Time (cold water)	Approx. 200 seconds to 198°F (92°C)
Brewing Options	Ground Coffee, NES Capsules, DG Capsules
Material	Food-grade ABS

## 9. WARRANTY AND SUPPORT

Your Portable Electric Espresso Machine comes with a **12-month support guarantee** from the date of purchase. This warranty covers manufacturing defects and ensures product functionality under normal use. For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact the manufacturer's customer support. Refer to your purchase documentation for specific contact details.