

## TWINBIRD CM-D457B

# TWINBIRD Full Automatic Coffee Maker

Model: CM-D457B

## 1. INTRODUCTION

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Thank you for purchasing the TWINBIRD Full Automatic Coffee Maker CM-D457B. This appliance is designed to provide a superior coffee brewing experience with its integrated grinder and precise control features. Please read this manual thoroughly before use to ensure proper operation, maintenance, and to achieve the best possible coffee flavor. Keep this manual for future reference.

## 2. IMPORTANT SAFETY INSTRUCTIONS

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When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and/or injury to persons, including the following:

- Read all instructions carefully.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against fire, electric shock, and injury to persons, do not immerse cord, plugs, or the 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.
- Scalding may occur if the lid is removed during the brewing cycle.
- Ensure the water tank is filled only with cold water.

### **3. PRODUCT OVERVIEW AND KEY FEATURES**

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The TWINBIRD CM-D457B is a sophisticated coffee maker designed for optimal flavor extraction. It features an integrated grinder, precise temperature control, and a unique shower drip system.



*This image displays the TWINBIRD CM-D457B Full Automatic Coffee Maker from the front, showcasing its integrated grinder, dripper, glass carafe, and control panel.*

### **Key Features:**

- **Integrated Low-Speed Mill:** Grinds coffee beans uniformly while minimizing friction heat to preserve the bean's natural flavor. Adjustable to fine, medium, or coarse grind settings.
- **Adjustable Brewing Temperature:** Select between 83°C and 90°C for optimal extraction based on

coffee type and desired taste.

- **6-Way Shower Drip System:** Ensures even distribution of hot water over the coffee grounds for consistent and thorough extraction, mimicking professional hand-drip techniques.
- **Aroma Gap Design:** A 2cm gap between the dripper and carafe allows the rich coffee aroma to diffuse during brewing, enhancing the sensory experience.
- **Dedicated Maintenance Modes:** Features specific modes for easy cleaning and maintenance of the grinder and water lines.
- **Compact Design:** With dimensions of approximately 16 cm (width) x 33.5 cm (depth) x 36 cm (height), it fits well in various kitchen spaces.

## 機能と特徴

湯温が選べる

83°C

90°C

挽き方が選べる

細

中

粗

低速臼式ミル

摩擦熱を抑えて  
豆の風味を守る

6方向  
シャワードリップ  
プロの技を再現

*This graphic highlights the main features: selectable brewing temperatures (83°C, 90°C), adjustable grind sizes (fine, medium, coarse), a low-speed mill for preserving bean flavor, and a 6-way shower drip system for even extraction.*

# SIZE

## サイズ



*This image provides the physical dimensions of the coffee maker, showing a height of 36 cm, a width of 16 cm, and a depth of 33.5 cm.*

## 4. SETUP

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Before first use, ensure all packaging materials are removed and the appliance is placed on a stable, level surface.

1. **Unpack:** Carefully remove the coffee maker and all accessories from the packaging.
2. **Clean Components:** Wash the glass carafe, lid, filter basket, and water tank lid with warm, soapy water. Rinse thoroughly and dry.
3. **Position:** Place the coffee maker on a dry, flat, heat-resistant surface near an electrical outlet. Ensure there is adequate space around the unit for ventilation.
4. **Initial Rinse:** Before brewing coffee, perform an initial rinse cycle. Fill the water tank to the maximum level with cold water. Do not add coffee beans or grounds. Place the empty carafe in position. Run a full brewing cycle to flush out any manufacturing residues. Discard the water.

## 5. OPERATING INSTRUCTIONS

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## 5.1 Brewing Coffee from Whole Beans

1. **Fill Water Tank:** Open the water tank lid and fill the tank with fresh, cold water up to the desired level (max 3 cups). Close the lid securely.
2. **Add Coffee Beans:** Open the grinder lid and add the desired amount of whole coffee beans. Refer to the included guidebook for recommended bean quantities per cup. Close the grinder lid.
3. **Set Grind Size:** Rotate the grind size selector dial on the top of the unit to your preferred setting (Fine, Medium, or Coarse).
4. **Set Brewing Temperature:** Use the 'MENU' dial on the control panel to select either 83°C or 90°C. The 83°C setting is recommended for a balanced flavor, while 90°C enhances richness, suitable for café au lait or iced coffee.
5. **Place Carafe:** Ensure the glass carafe with its lid is correctly placed on the warming plate.
6. **Start Brewing:** Press the 'START/STOP' button to begin the brewing process. The machine will grind the beans, then proceed with pre-infusion and brewing.
7. **Serve:** Once brewing is complete, the machine will beep. Carefully remove the carafe and pour your coffee.

### Point 01

## 味の決め手 湯温調整

抽出時の温度を83°Cと90°Cに設定可能



### 味の決め手となる湯温設定は2段階

監修の田口氏が推奨する83°Cは、どんな豆にも適し、  
雑味なくまろやかなコーヒーを淹れられます。

コクや風味を引き出す90°Cはカフェオレやアイスコーヒーに  
おすすめ。

A detailed view of the control panel, specifically focusing on the dial used to select brewing temperatures of 83°C or 90°C.

## 5.2 Brewing Coffee from Pre-Ground Coffee

This coffee maker is primarily designed for whole beans, but can accommodate pre-ground coffee by bypassing the grinder.

1. **Fill Water Tank:** Follow step 1 from 'Brewing Coffee from Whole Beans'.
2. **Add Pre-Ground Coffee:** Place a paper filter in the filter basket. Add the desired amount of pre-ground coffee into the filter. Do not add coffee beans to the grinder.
3. **Set Brewing Temperature:** Follow step 4 from 'Brewing Coffee from Whole Beans'.
4. **Place Carafe:** Follow step 5 from 'Brewing Coffee from Whole Beans'.
5. **Start Brewing:** Press the 'START/STOP' button. The machine will bypass the grinding cycle and proceed directly to brewing.

## 6. MAINTENANCE

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Regular cleaning and maintenance are essential to ensure the longevity and optimal performance of your coffee maker.

### 6.1 Daily Cleaning

- After each use, discard used coffee grounds and paper filter.
- Wash the glass carafe, lid, and filter basket with warm, soapy water. Rinse thoroughly and dry.
- Wipe the exterior of the coffee maker with a damp cloth. Do not use abrasive cleaners.

### 6.2 Cleaning the Grinder

The grinder unit is detachable for easy cleaning. Use the provided brush to remove coffee residue.

Point  
**05**

## 充実のメンテナンスモード

衛生的な3種のメンテナンスモード搭載



着脱式のミルは、付属のブラシでお手入れができます。  
3種のメンテナンスモードを搭載しており、  
本体内部を衛生的に保つことができます。

*This image demonstrates the cleaning process for the detachable grinder, showing a brush being used to remove coffee residue, emphasizing the ease of maintenance.*

### 6.3 Using Maintenance Modes

The coffee maker features dedicated maintenance modes accessible via the 'MENU' dial for thorough cleaning.

## メンテナンスモードについて



お手入れのお手伝いをする機能です

### メンテナンス

メニューダイヤルをMにします

### それぞれの役割



### ドレイン

水タンクの水を排水します  
クエン酸洗浄や  
水を入れすぎた時などに使用します

### クリーン

水タンクのお湯を沸かします  
クエン酸洗浄するときに使用します

### オープン

ミルシャッターを開けます  
固定ミル掃除のときに使用します

A detailed view of the maintenance dial, explaining its three functions: "Drain" for water tank drainage, "Clean" for boiling water cleaning (e.g., with citric acid), and "Open" for opening the mill shutter for cleaning.

- **Drain Mode:** Select 'DRAIN' on the 'MENU' dial. This mode drains water from the water tank. Useful if you've overfilled the tank or need to empty it for storage.
- **Clean Mode:** Select 'CLEAN' on the 'MENU' dial. This mode heats water in the tank to a high temperature for cleaning. It is ideal for descaling using a citric acid solution (follow descaling agent instructions) or for a hot water rinse.
- **Open Mode:** Select 'OPEN' on the 'MENU' dial. This mode opens the mill shutter, allowing access for cleaning the fixed mill components. Always ensure the unit is unplugged before performing manual cleaning of the mill.

## 7. TROUBLESHOOTING

If you encounter issues with your coffee maker, please refer to the following common problems and solutions:

- **Coffee Not Brewing:**
  - Ensure the power cord is securely plugged into a working outlet.
  - Check if the water tank is filled with water.
  - Verify that the carafe is correctly placed on the warming plate.
  - Ensure the filter basket is properly inserted.

- **Coffee Tastes Weak/Too Strong:**

- Adjust the coffee-to-water ratio.
- Experiment with different grind settings (finer for stronger, coarser for weaker).
- Try adjusting the brewing temperature.

- **Grinder Not Operating:**

- Check if the grinder lid is securely closed.
- Ensure there are coffee beans in the grinder hopper.
- Clean the grinder for any blockages (refer to Section 6.2).

- **Water Leaking:**

- Ensure all removable parts (carafe, filter basket, water tank lid) are correctly seated.
- Check for any cracks or damage to the water tank or carafe.
- If leaking persists, especially from internal components, discontinue use and contact customer support.

- **Error Indicator Lights:**

- Refer to the included guidebook for specific error code interpretations and solutions.

If the problem persists after attempting these solutions, please contact customer support.

## 8. SPECIFICATIONS

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<b>Brand</b>	TWINBIRD
<b>Model Number</b>	CM-D457B
<b>Color</b>	Black
<b>Coffee Maker Type</b>	Drip Coffee Machine
<b>Operation Mode</b>	Fully Automatic
<b>Voltage</b>	100V
<b>Capacity</b>	450 Milliliters (approx. 3 cups)
<b>Material</b>	Stainless Steel
<b>Product Dimensions (L x W x H)</b>	6.3 x 6.3 x 14.17 inches (16 x 16 x 36 cm)
<b>Item Weight</b>	9.02 pounds (4.09 kg)

## 9. WARRANTY AND SUPPORT

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This TWINBIRD product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including the warranty period and coverage details. Keep your proof of purchase for warranty claims.

For technical support, service, or replacement parts, please contact TWINBIRD customer service through the contact information provided in your product packaging or on the official TWINBIRD website. When contacting support, please have your model number (CM-D457B) and purchase date ready.

