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> BLACK+DECKER CM2045B 12-Cup Thermal Programmable Coffee Maker User Manual

## BLACK+DECKER CM2045B

# BLACK+DECKER 12-Cup Thermal Programmable Coffee Maker

MODEL: CM2045B

## Introduction

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Thank you for choosing the BLACK+DECKER CM2045B 12-Cup Thermal Programmable Coffee Maker. This appliance is designed to provide you with fresh, hot coffee with convenience and ease. Please read this manual thoroughly before operating your new coffee maker to ensure safe and efficient use. Keep these instructions for future reference.

### Important Safety Information:

- Always unplug the coffee maker from the outlet when not in use and before cleaning.
- Do not immerse the appliance, cord, or plug in water or other liquids.
- Close supervision is necessary when any appliance is used by or near children.
- Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner.
- Use the appliance only for its intended household use.

## Setup and First Use

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Before using your coffee maker for the first time, it is important to clean all removable parts and run a full brewing cycle with only water to remove any manufacturing residues.

1. **Unpacking:** Carefully remove all packaging materials and any labels or stickers from the coffee maker.
2. **Initial Cleaning:** Wash the thermal carafe, carafe lid, and removable filter basket in warm, soapy water. Rinse thoroughly and dry. The reusable filter can also be washed.
3. **Positioning:** Place the coffee maker on a flat, stable surface away from heat sources and direct sunlight. Ensure there is adequate space around the unit for ventilation.
4. **First Water Cycle:**
  - Fill the water reservoir with fresh, cold water up to the 12-cup mark.
  - Place the empty filter basket into its holder. Do not add coffee grounds.

- Close the lid and place the thermal carafe with its lid securely on the warming plate.
- Plug the coffee maker into a standard electrical outlet.
- Press the power button to start a brewing cycle. Allow the cycle to complete.
- Discard the water from the carafe. Your coffee maker is now ready for use.



Figure 1: Front view of the BLACK+DECKER CM2045B coffee maker, showing the thermal carafe, water reservoir, and control panel. This image illustrates the overall design and components of the appliance.

## Operating Instructions

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Follow these steps to brew coffee with your BLACK+DECKER CM2045B coffee maker.

1. **Fill Water Reservoir:** Open the top lid and fill the water reservoir with the desired amount of fresh, cold water. The water level indicator on the side shows the number of cups. Do not exceed the 12-cup maximum fill line.
2. **Add Coffee Grounds:** Insert the reusable filter into the filter basket, or place a basket-style paper filter (not included) into the filter basket. Add the desired amount of ground coffee. A general guideline is 1 tablespoon of coffee grounds per cup of water, but adjust to your personal preference.
3. **Secure Carafe:** Place the thermal carafe with its lid securely onto the warming plate. Ensure the carafe lid is properly aligned to activate the brew-through feature.
4. **Brew Coffee:** Press the **POWER** button to begin the brewing cycle. The indicator light will illuminate.
5. **Brew Strength Selector:** For a stronger coffee flavor, press the **STRONG** button before starting the brew cycle. This will slow down the brewing process for enhanced extraction.
6. **Programmable Brewing (Brew Later):**
  - To set the current time, press the **HR** and **MIN** buttons until the correct time is displayed on the LCD.
  - To program a delayed brew time, press the **BREW LATER** button. The indicator light will flash.
  - Use the **HR** and **MIN** buttons to set the desired start time.
  - Press the **BREW LATER** button again to confirm the setting. The indicator light will remain illuminated, and the coffee maker will start brewing at the programmed time.
7. **After Brewing:** Once the brewing cycle is complete, the coffee maker will automatically shut off. The thermal carafe

will keep coffee hot for up to two hours.



Figure 2: Top view of the coffee maker with the lid open, revealing the removable filter basket and the water reservoir opening. This illustrates how to access the brewing components for filling and cleaning.



Figure 3: A detailed view of the control panel, showing the LCD display and buttons for HR, MIN, CLEAN, STRONG, BREW LATER, and Power. This image highlights the user interface for programming and selecting brew options.



Figure 4: An illustrative diagram showcasing the 'Vortex Technology' which ensures optimal water flow for maximum flavor extraction during the brewing process. This visual explains the internal mechanism for efficient coffee saturation.

## Maintenance and Cleaning

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Regular cleaning ensures optimal performance and extends the life of your coffee maker.

### 1. Daily Cleaning:

- Unplug the coffee maker and allow it to cool completely.
- Remove the filter basket and discard used coffee grounds. Wash the filter basket and reusable filter in warm, soapy water.
- Wash the thermal carafe and its lid in warm, soapy water. The wide opening of the carafe allows for easy hand cleaning.
- Wipe the exterior of the coffee maker with a soft, damp cloth. Do not use abrasive cleaners or scouring pads.

2. **Auto Clean System:** The coffee maker features an Auto Clean™ system that automatically detects when cleaning is needed. When the **CLEAN** indicator light illuminates, it's time to descale the unit.

- Fill the water reservoir with 6 cups of white vinegar and 4 cups of cold water.
- Place an empty filter basket (without coffee or filter) and the empty thermal carafe into position.
- Press the **CLEAN** button. The indicator light will flash, and the cleaning cycle will begin.
- Once the cycle is complete, discard the vinegar solution.
- Run 2-3 full cycles with fresh, cold water only to rinse the system thoroughly.



Figure 5: A person pouring coffee from the thermal carafe into a cup. This image demonstrates the carafe's design for easy pouring and its role in keeping coffee hot.

## Troubleshooting

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

| Problem                              | Possible Cause   | Solution   |
|--------------------------------------|--|--|
| Coffee does not brew.                | No power; Carafe not properly placed; Brew cycle not initiated.      | Check power connection; Ensure carafe is fully seated; Press the POWER button.     |
| Coffee is too weak.                  | Not enough coffee grounds; Brew Strength Selector not used.          | Increase coffee grounds; Use the STRONG brew setting.                              |
| Coffee overflows from filter basket. | Too much coffee grounds; Filter basket clogged; Carafe not in place. | Reduce coffee grounds; Clean filter basket; Ensure carafe is correctly positioned. |
| Coffee is not hot enough.            | Carafe lid not sealed; Carafe not preheated.                         | Ensure carafe lid is tightly sealed; Rinse carafe with hot water before brewing.   |
| CLEAN light is on.                   | Mineral buildup (descaling needed).                                  | Perform the Auto Clean cycle as described in the Maintenance section.              |

## Specifications

Key technical specifications for the BLACK+DECKER CM2045B Coffee Maker:

**Model Name:** CM2045B-1

**Capacity:** 12 Cups (approximately 5 oz. per cup)

**Color:** Black and Silver

**Product Dimensions:** 9"D x 9.45"W x 13.5"H

**Special Features:** Brew Strength Selector, Auto Clean System, Thermal Carafe

**Filter Type:** Reusable (compatible with basket-style paper filters)

**Operation Mode:** Fully Automatic

**Power:** Standard Household Current (Voltage not specified, typically 120V for US market)

## Warranty and Support

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BLACK+DECKER provides a limited warranty for this product. For specific warranty details, including duration and coverage, please refer to the warranty card included with your purchase or visit the official BLACK+DECKER website. For customer support, service, or to order replacement parts, please contact BLACK+DECKER customer service. You may also find additional resources and a downloadable user guide PDF on the official BLACK+DECKER support page or via this direct link: [BLACK+DECKER CM2045B User Guide PDF](#).

*Note: No official product videos from the seller were available in the provided data for embedding in this manual.*