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› [BLACK+DECKER TCM830 10-Cup Thermal Stainless-Steel Coffeemaker User Manual](#)

## BLACK+DECKER TCM830

# BLACK+DECKER TCM830 10-Cup Thermal Stainless-Steel Coffeemaker

MODEL: TCM830

## 1. Important Safeguards

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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.
- Do not touch hot surfaces. Use handles or knobs.
- To protect against electrical shock, do not immerse cord, plugs, or 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.
- To disconnect, turn any control to 'off', then remove plug from wall outlet.
- Do not use appliance for other than intended use.
- The carafe is designed for use with this appliance only. It must never be used on a range top.
- Do not place a hot carafe on a wet or cold surface.
- Do not use a cracked carafe or a carafe having a loose or weakened handle.
- Do not clean carafe with cleansers, steel wool pads, or other abrasive material.

## 2. Product Overview

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The BLACK+DECKER TCM830 is a 10-cup thermal stainless-steel coffeemaker designed for brewing and keeping coffee hot for extended periods. It features a programmable digital clock and a removable water reservoir for convenience.



*Image: BLACK+DECKER TCM830 10-Cup Thermal Stainless-Steel Coffeemaker with thermal carafe and control panel visible.*

### Key Components:

- **Thermal Carafe:** 10-cup capacity, stainless steel, designed to keep coffee hot and fresh for hours.
- **Removable Water Reservoir:** Detaches for easy filling and cleaning.
- **Water Window:** Allows for easy monitoring of water levels.
- **Removable Brew Basket:** Holds coffee grounds and is easy to clean.
- **Control Panel:** Features a programmable digital clock with auto-off and touch pad controls for setting brew times.

## 3. Setup

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### 3.1 Unpacking

1. Carefully remove all packaging materials, labels, and stickers from the coffeemaker.
2. Remove the thermal carafe, brew basket, and water reservoir.
3. Retain all packaging for future storage or transport.

### 3.2 Initial Cleaning (Before First Use)

Before brewing coffee for the first time, it is recommended to clean the coffeemaker to remove any manufacturing residues.

1. Wash the thermal carafe, its lid, and the removable brew basket in warm, soapy water. Rinse thoroughly and dry.
2. Fill the removable water reservoir with clean water up to the 10-cup mark.
3. Place the empty brew basket into its holder.
4. Place the thermal carafe with its lid securely on the warming plate. Ensure the carafe is correctly positioned to activate the drip-stop mechanism.
5. Plug the coffeemaker into a standard electrical outlet.

6. Run a full brewing cycle with only water. Discard the water from the carafe.
7. Repeat this process once more with fresh water.

### 3.3 Placement

Place the coffeemaker on a stable, flat, heat-resistant surface, away from the edge of the counter. Ensure there is adequate clearance above the unit for the water reservoir lid to open fully.

## 4. Operating Instructions

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### 4.1 Filling the Water Reservoir

1. Remove the removable water reservoir from the coffeemaker.
2. Fill the reservoir with fresh, cold water up to the desired cup marking using the water window as a guide. Do not exceed the 10-cup maximum fill line.
3. Carefully place the filled water reservoir back onto the coffeemaker, ensuring it is seated correctly.

### 4.2 Adding Coffee Grounds

1. Open the brew basket cover.
2. Place a standard basket-style paper filter into the removable brew basket, or ensure the reusable filter (if included) is clean and in place.
3. Add the desired amount of ground coffee. A general guideline is one tablespoon of coffee per cup, but adjust to personal preference.
4. Close the brew basket cover securely.

### 4.3 Brewing Coffee

1. Ensure the thermal carafe, with its lid securely attached, is placed correctly on the coffeemaker's base. The carafe lid must be aligned to engage the drip-stop mechanism.
2. Plug the coffeemaker into an electrical outlet.
3. Press the 'ON/OFF' button to start the brewing cycle. The indicator light will illuminate.
4. The coffeemaker will automatically shut off after the brewing cycle is complete.

### 4.4 Using the Programmable Timer

The coffeemaker features a 24-hour programmable digital clock for delayed brewing.

1. **Setting the Clock:** Press the 'PROG' button once. Use the 'HOUR' and 'MIN' buttons to set the current time. The clock will set automatically after a few seconds of inactivity.
2. **Setting the Auto Brew Time:** Press the 'PROG' button twice. Use the 'HOUR' and 'MIN' buttons to set the desired time for brewing to begin.
3. **Activating Auto Brew:** After setting the auto brew time, press the 'AUTO' button. The 'AUTO' indicator light will illuminate, confirming the coffeemaker is set to brew at the programmed time.
4. To cancel auto brew, press the 'AUTO' button again.

## 5. Maintenance

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### 5.1 Daily Cleaning

Regular cleaning ensures optimal performance and taste.

1. Always unplug the coffeemaker and allow it to cool completely before cleaning.

2. Remove the brew basket and discard used coffee grounds and filter. Wash the brew basket in warm, soapy water or in the top rack of a dishwasher.
3. Wash the thermal carafe and its lid in warm, soapy water. Rinse thoroughly. The carafe is not dishwasher safe.
4. Wipe the exterior surfaces of the coffeemaker with a soft, damp cloth. Do not use abrasive cleaners or scouring pads.
5. The removable water reservoir can be washed in warm, soapy water and rinsed.

## 5.2 Descaling (Mineral Deposit Removal)

Mineral deposits (calcium) can build up in your coffeemaker over time, affecting performance. Descale every 80 brews or monthly, depending on water hardness.

1. Pour 4 cups of undiluted white vinegar into the water reservoir.
2. Place an empty paper filter in the brew basket.
3. Place the empty thermal carafe on the base.
4. Brew the vinegar solution through the coffeemaker as if brewing coffee.
5. Turn off the coffeemaker and let it soak for at least 15 minutes.
6. Discard the vinegar solution from the carafe and brew basket.
7. Fill the water reservoir with fresh, clean water and run a full brewing cycle to rinse.
8. Repeat the fresh water rinse cycle at least two more times to ensure all vinegar residue is removed.

## 6. Troubleshooting

Problem	Possible Cause	Solution
Coffeemaker does not turn on.	Not plugged in; power outage; unit malfunction.	Ensure unit is securely plugged into a working outlet. Check household circuit breaker. If problem persists, contact customer service.
Coffee overflows from brew basket.	Too much coffee grounds; filter not seated correctly; coffeemaker needs descaling; carafe not positioned correctly.	Use recommended amount of coffee. Ensure filter is properly seated. Descale the coffeemaker. Verify carafe is fully pushed onto the base and lid is aligned.
Coffee is weak or tastes bad.	Insufficient coffee grounds; poor quality coffee; coffeemaker needs descaling; water not hot enough.	Adjust coffee-to-water ratio. Use fresh, good quality coffee. Descale the coffeemaker. Ensure carafe is pre-warmed with hot water for optimal temperature retention.
Carafe lid is difficult to attach.	Lid threads are misaligned.	Carefully align the lid's threads with the carafe opening before twisting to secure. Do not force.
Water leaks from coffeemaker.	Water reservoir overfilled; reservoir not seated correctly; internal component issue.	Do not fill water past the 10-cup mark. Ensure the removable water reservoir is firmly in place. If leaking persists, discontinue use and contact customer service.

## 7. Specifications

- **Brand:** BLACK+DECKER
- **Model Number:** TCM830
- **Capacity:** 10 Cups
- **Material:** Stainless Steel
- **Color:** Black/Stainless
- **Special Feature:** Programmable, Thermal
- **Operation Mode:** Fully Automatic
- **Wattage:** 800 watts
- **Voltage:** 110 Volts
- **Human Interface Input:** Touch Pad
- **Filter Type:** Reusable (or paper filter compatible)
- **Item Weight:** Approximately 8 Pounds
- **Included Components:** Coffeemaker unit, Thermal Carafe

## 8. Warranty and Support

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For warranty information, product support, or to purchase replacement parts, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. Do not attempt to repair the appliance yourself.

**Online Support:** [Visit the BLACK+DECKER Store on Amazon](#)