

# BLACK+DECKER

TM

THERMAL PROGRAMMABLE  
12-CUP\* COFFEE MAKER

CAFETERA TÉRMICA PROGRAMABLE  
DE 12 TAZAS\*

CAFETIÈRE PROGRAMMABLE AVEC  
CARAFE ISOTHERME DE 12 TASSES\*



CM2046



## We want you to have a 5-star experience!

Should you have any questions or concerns about your new product, please call our Customer Service Line at **1-800-465-6070** (U.S. and Canada). Please do not return to the store.

## ¡Deseamos que disfrute de una experiencia de 5 estrellas!

Si usted tiene alguna inquietud o pregunta con su producto, por favor llame a nuestra línea de servicio al cliente una atención inmediata **1-800-465-6070** (EE.UU./Canadá) **01-800-714-2503** (México). No devuelva a la tienda.

## Nous voulons que vous ayez une expérience 5 étoiles!

Si vous avez des questions ou des préoccupations à propos de votre nouveau produit, veuillez communiquer avec notre Service à la clientèle au **1 800 465-6070** (États-Unis et Canada).  
Veuillez ne pas rapporter le produit au magasin.



\*One cup equals approximately 5 oz. (varies by brewing technique)

\*Una taza equivale a aproximadamente 5 onzas. (varía de acuerdo al método de preparación utilizado)

\*Une tasse équivaut à environ 115 g (5 oz; varie selon la technique de brassage)

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## WARNING

### RISK OF FIRE OR ELECTRIC SHOCK. DO NOT OPEN.

The lightning symbol refers to "dangerous voltage"; the exclamation symbol refers to maintenance instructions. See below.

**Warning:** To reduce the risk of fire or electric shock, do not remove the cover of the coffeemaker. There are no user-serviceable parts inside. Repair should be done by authorized service personnel only.

# IMPORTANT SAFEGUARDS.

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

- Read all instructions.
- 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 appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Unplug from outlet when either the appliance or display clock is 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 Consumer Support at the number listed in this manual.
- 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 the unit OFF, then remove plug from wall outlet.
- Do not use this appliance for other than intended use.
- Keep lid on the carafe when in use.
- Scalding may occur if the lid is removed during the brewing cycles.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- Never fill the water reservoir past the 12-Cup marking.
- The carafe is designed to hold 12 cups (60 ounces) of coffee. Do not overfill.
- The carafe should never be tilted backwards.

## SAVE THESE INSTRUCTIONS.

This product is for household use only.

### **POLARIZED PLUG (120V models only)**

This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit into a polarized outlet only one way. If the plug does not fit fully into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to modify the plug in any way.

### **TAMPER-RESISTANT SCREW**

**Warning:** This appliance is equipped with a tamper-resistant screw to prevent removal of the outer cover. To reduce the risk of fire or electric shock, do not attempt to remove the outer cover. There are no user-serviceable parts inside. Repair should be done only by authorized service personnel.

### **ELECTRICAL CORD**

- a) A short power-supply cord is provided to reduce the risks 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) If an extension cord is used:
  - 1) The marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance;
  - 2) If the appliance is of the grounded type, the extension cord should be a grounding-type 3-wire cord; and
  - 3) The cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over.

**Note:** If the power cord is damaged, please contact the warranty department listed in these instructions.

# GETTING TO KNOW YOUR COFFEE MAKER



- |   |  |
|---|--|
| 1. Lid  | 5. Easy-view water window                                      |
| 2. Vortex™ Showerhead                         | 6. Carafe lid (Part # CM2046-03)                               |
| 3. Washable brew basket<br>(Part # CM2046-01) | 7. Control panel   |
| 4. Water reservoir                            | 8. 12-cup stainless steel<br>thermal carafe (Part # CM2046-02) |

Product may vary slightly from what is illustrated.

## PRODUCT BENEFITS

### **Fresh Brew Timer**

After the brew cycle is complete, the clock will convert to a countdown timer starting at 120 minutes and countdown until it reaches 01 minute remaining.

### **Stainless Steel Thermal Carafe**

The large capacity 12-cup double-walled vacuum-sealed stainless steel thermal carafe keeps coffee hot and fresh for hours.

### **Washable Brew Basket**

The washable brew basket can easily be removed and washed after brewing, and is top rack dishwasher safe.

### **Vortex™ Showerhead**

This technology provides even saturation of the coffee grounds for optimal water flow for maximum flavor.

### **Brew Later**

The programmable Brew Later delay start allows you to set the 24-hour timer to brew coffee at the selected time, day or night.

### **Digital Clock**

The LCD display features a programmable digital clock.

### **Auto-Shutoff**

Once the brewing cycle is complete, the coffeemaker will automatically shut off for peace of mind.

### **Brew Strength Selector**

You may choose between regular or strongly flavored coffee to suit your personal taste. If you press the STRONG button; the light goes on and the brewing process slows to extract the maximum flavor from the coffee grounds. Regular strength is indicated by the STRONG light being off.

### **Sneak-A-Cup™ Feature**

Can't wait for the full pot of coffee to finish brewing? Use the Sneak-A-Cup™ feature, which stops the flow of coffee into your carafe, to grab a cup before brewing ends. Replace the carafe back in the coffeemaker within 20 seconds to prevent brew basket overflow.

### **Perfect Pour™ Spout**

The thermal carafe features a specially designed Perfect Pour™ spout for no more drips.

### **Easy Viewing Water Window**

The water window shows the amount of water in the reservoir for easy and accurate filling.

### **Auto Clean™ System**

After every 60 brews or when the machine senses calcification build-up, the word "CLEAN" should scroll across the display three times, alerting you that it is time to run Auto Clean™ to automatically de-scale your coffeemaker. This helps to maintain your brewer and coffee quality.

#### **IMPORTANT PRO TIP:**

To help coffee stay at brewed temperature, warm the carafe before brewing by filling and then discarding hot tap water.

# GETTING TO KNOW YOUR CONTROL PANEL

**Digital Clock with LCD Display**

**Strong display**  
When showing, indicates that the strong mode is set.

**Hour Button**  
Use to program the clock  
(see “Programming” section)

**Brew Later Button**  
Use to program  
(see “Programming” section)

**Power Button**  
Lighted button turns the unit ON or OFF.



**PM indicator**  
Shows when the clock is set past noon.

**Brew Later display**  
When showing, indicates that the Brew Later function is set.

**Minute Button**  
Use to program the clock  
(see “Programming” section)

**Strong button**  
Use to program  
(see “Programming” section)

## BEFORE BREWING

1. To register your product, go to [www.prodprotect.com/blackanddecker](http://www.prodprotect.com/blackanddecker)
2. Carefully unpack your coffeemaker, removing all packaging materials, labels, and/or stickers from your coffeemaker.
3. Remove the plastic band around the power plug using scissors
4. Clean your coffeemaker thoroughly before using for the first time. Wash the thermal carafe and washable brew basket in warm, soapy water. Rinse and dry, then place back into your coffeemaker.
5. Clean the inside of your coffeemaker by running two full brewing cycles with water only, no coffee.
  - a. Pour fresh, cold water into the water reservoir up to the 12-cup MAX mark, then place carafe onto the carafe plate.
  - b. Plug cord into standard electrical outlet.
  - c. Push the ON-OFF / Power Button to immediately brew water through the coffeemaker without adding coffee.
  - d. Once the cycle is finished, discard water.
  - e. Turn off appliance, unplug and allow to cool down for 15 minutes before repeating.

## PROGRAMMING YOUR COFFEE MAKER

### Setting the Digital Clock

1. Plug the coffeemaker into a standard electrical outlet.
2. The digital clock display flashes "12:00".
3. To set the time, press the HR button until the correct hour appears on the display. The "PM" symbol will appear in the upper right corner of the digital display for PM time settings.
4. Press the MIN button to select minutes.

**Note:** If the unit is unplugged or power interrupted, the time will need to be reset, as will the Brew Later delay start time.

### Setting the Brew Later Delay Start for the first time

The programmable Brew Later delay start allows you to set the 24-hour timer to brew coffee at the selected time, day or night. To activate the Auto Brew timer, follow these steps:


1. After the digital clock is set, press the BREW LATER button. The programmed clock time will begin to flash.
2. BREW LATER displays and flashes.
3. Clock shows last BREW LATER time programmed (if no time has been programmed, or unit has been unplugged, BREW LATER time defaults to 12:00)

4. Use HR and MIN buttons to set BREW LATER time (while BREW LATER display is blinking)
5. After 3 seconds with no button pressed, BREW LATER time is set.
6. When the BREW LATER function is set, BREW LATER is displayed (not flashing), and unit will begin brewing at the BREW LATER time.

**If BREW LATER function has been previously set:**

The programmable Brew Later delay start allows you to set the 24-hour timer to brew coffee at the selected time, day or night. To activate the Auto Brew timer, follow these steps:

1. Press BREW LATER button to check the BREW LATER time. "BREW LATER" will flash once per second, and the clock will display the BREW LATER time for 3 seconds
2. After 3 seconds, clock reverts to current time, and "BREW LATER" is illuminated (no flashing)

Note: To override the BREW LATER function, press the Power button  to cancel. Unit begins brewing immediately

Note: Even though BREW LATER is disabled, the BREW LATER time will still be stored unless unit is unplugged



## 4 ELEMENTS TO BREW THE PERFECT CUP



### Water Quality

A great cup of coffee starts with fresh, filtered water. Since water represents more than 98% of brewed coffee, it is just as important as the coffee quality itself. The water you use should taste like fresh, good-quality drinking water, have an odorless aroma, and contain no visible impurities. Filtered water will limit impurities and excessive minerals that can detrimentally impact coffee flavor and machine performance.



### Coffee Freshness

A truly fresh cup of coffee only comes from freshly ground coffee beans. In fact, once a coffee bean is broken or ground, its flavor will begin to degrade over time. Maximize the freshness of your coffee by grinding coffee beans just prior to brewing.



### Even Saturation

Even saturation of your coffee grounds is vital for ensuring proper flavor and extraction. Some coffee makers simply drip water down the center of the brew basket, which leads to over-extraction in the center of the coffee grounds and under-extraction on the perimeter. This coffeemaker features a Vortex™ Showerhead, providing even saturation of the coffee grounds for optimal water flow and maximum flavor.



### Proper Proportion

It is important to use the proper coffee-to-water ratio to produce a finished brew that isn't too strong or weak. We recommend using 1 tablespoon of ground coffee for every 1 cup of brewed coffee. You may adjust this proportion to suit your individual taste, or try the Brew Strength Selector to customize your flavor!



## TIPS FOR A PERFECT CUP OF COFFEE



- To maximize the freshness of your coffee, grind whole coffee beans just before brewing.
- Always use fresh, cold, clean water in your coffee maker. The water you use should have an odorless aroma and contain no visible impurities.
- Use spring water or filtered water, not distilled water which lacks the minerals necessary to bind to elements of coffee.
- A clean coffee maker is always important. Regular cleaning is required for the best tasting coffee.
- Always keep the lid on your thermal carafe after brewing. The carafe is double-wall insulated and vacuum sealed to help keep your coffee hot and fresh for hours.
- Use the strong setting for best flavor when brewing less than 4 cups of coffee.
- **Fill the carafe with hot tap water and empty before brewing, which will warm up the carafe and help keep coffee at the brewed temperature.**
- Always store your coffee in a cool, dry place. Once coffee has been opened, keep it tightly sealed in an airtight container.
- Do not refrigerate or freeze your daily supply of coffee, as contact with moisture will cause the coffee to deteriorate.
- Never re-use your coffee grounds. After brewing, the desirable coffee flavors have been extracted and only the bitter flavors remain.
- Brewed coffee should be enjoyed immediately! Allowing coffee to sit too long and reheating coffee will impact the flavor.
- Smell the aroma of your freshly brewed coffee, and remember that every sip is meant to be savored and enjoyed!

## USING THE CARAFE

- A. Lid in the closed/locked position.  
Press button on handle before pouring.
- B. Lid in the unlocked position.
- C. Lid removed.

**Note:** When brewing half a carafe or less of coffee, be sure to prewarm the carafe. See tip on page 10.

**Note:** Coffee may run over if lid is not correctly in place on carafe.

**Note:** The carafe should never be tilted backwards.

## BREWING COFFEE

**Note:** You don't need to set the clock to brew coffee right away.

1. Open cover of coffeemaker. Fill water reservoir with cold tap water. (D) Use lines on the easy viewing water window as a guide. Do not fill past 12 MAX line.
2. Place a basket shaped paper filter into the brew basket. Add ground coffee (we suggest 1 tablespoon per cup). Put brew basket in place.



3. Place empty carafe on the carafe plate and plug cord into a standard outlet.
4. To set the Brew Later delay start, brew strength selector, follow the instructions in the "Programming" section.



5. Press power button once to begin brewing. (E)
6. The Sneak-A-Cup™ feature allows you to pour a cup of coffee before the brewing cycle is complete. The carafe must be placed back into the coffeemaker within 20 seconds to prevent overflow. Replacing the carafe will restart the brewing process.
7. Brew timer count down from 120 minutes will begin when brewing cycle is complete.
8. Press button on handle to pour coffee.
9. To turn off the coffeemaker at any time press the power button. (E)
10. When coffee grounds are cool, carefully remove and throw away used grounds and filter.
11. Clean the thermal carafe and washable brew basket according to the instructions in the CARE AND CLEANING section.



## CARE AND CLEANING

Cleaning your coffee maker, following the directions below is recommended after every use. This product contains no user serviceable parts.

### Cleaning

1. Make sure your coffeemaker is unplugged and cool.
2. Open the coffeemaker cover. Remove the brew basket. Throw away the used paper filter and coffee grounds.
3. Wash the brew basket and carafe by hand in warm, soapy water.
4. Wipe the outside of the coffeemaker, carafe plate, and power cord with a soft, damp cloth.
5. To clean the inside of the cover, open the cover and leave in the open position; wipe surfaces with a damp cloth.

**Note:** Do not use abrasive cleansers or scouring pads, and never immerse the coffeemaker in water.

COFFEE MAKER PART	CLEANING INSTRUCTIONS
Housing Carafe plate Power Cord	Wipe with a soft, damp cloth.
Carafe and carafe lid Washable Brew Basket	Wash by hand in warm soapy water

## DESCALING WITH THE AUTO CLEAN™ FUNCTION

With regular use, minerals and hard water can clog your coffee maker. A full cleaning with vinegar is recommended once a month. To notify you that it is time to descale with vinegar, after 60 brew cycles or when calcification is sensed, “CLEAN” should scroll across the display three times. The “CLEAN” word will continue to blink before each brew until the descaling process is completed. If the machine is extremely calcified it may require multiple cleaning cycles to clear the “CLEAN” warning.

1. Pour white vinegar into the water reservoir up to the 5-cup mark on the water window. Add cold water up to the 12-cup mark.
2. Put a basket-shaped paper filter in the brew basket and close the cover. Set the empty carafe on the carafe plate.
3. Press and hold the POWER button for 5 seconds to start the Auto Clean™ function. The entire cleaning process will take 45-60 minutes to complete.
4. During the Auto Clean™ process, the coffee maker will:
  - Brew 5 cups of the vinegar/water mixture first
  - Pause for about 30 minutes
  - After the pause, it will brew the remainder of the vinegar/water mixture
5. Once the process is complete, empty the carafe and discard the paper filter.
6. Fill the water reservoir with cold water to the 12-cup line: replace the empty carafe on the carafe plate and then turn ON the coffeemaker for a complete brewing cycle to flush out the remaining vinegar/water mixture. You may want to repeat this step to completely remove the vinegar smell and taste
7. Wash the brew basket and carafe as shown in CARE AND CLEANING.
8. If your machine is heavily calcified, the “CLEAN” warning may remain activated after cleaning. In this case, repeat cleaning.

## TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
<b>Coffee maker does not turn on.</b>	Coffee maker is not plugged in.	Make sure appliance is plugged into a working outlet.
<b>Coffee maker is leaking.</b>	Water reservoir may be overfilled.	Make sure water reservoir has not been filled beyond the 12-cup MAX line.
	Cover may not be correctly placed on carafe	Make sure cover is correctly placed and tightened on carafe
	Carafe may not be correctly placed on the carafe plate	Make sure carafe is placed correctly on the carafe plate.
<b>The brew basket overflows.</b>	The carafe has been removed for longer than 20 seconds when using the Sneak-A-Cup™ feature.	Make sure to replace the carafe within 20 seconds during the brewing cycle.
	Excessive amount of coffee is used.	Reduce the amount of coffee used to eliminate brew basket overflows.
<b>Coffee sediment in brewed cup of coffee.</b>	The paper filter and/or the brew basket are not properly placed.	Insert basket-shaped paper filter into brew basket and insert basket properly into holder.
<b>The coffee maker brews slowly.</b>	The coffee maker needs cleaning.	Follow the instructions in the “Descaling With the Auto Clean™ Function” section.
<b>Coffee maker does not complete brewing (water left in tank).</b>	The coffee maker is heavily calcified.	Follow the instructions in the “Descaling With the Auto Clean™ Function” section. Multiple cleaning cycles may be required.
<b>Coffee is not hot enough.</b>	Low brew volumes (under four cups of coffee) and/or the carafe is cold.	Pre-heat carafe before brewing with hot tap water.

If additional assistance is needed, please contact our consumer service team at **1-800-465-6070**.

## NEED HELP?

For service, repair or any questions regarding your appliance, please call our Customer Service Line at 1-800-465-6070. Please **DO NOT** return the product to the place of purchase. Also, please **DO NOT** mail product back to manufacturer, nor bring it to a service center. You may also want to consult the website listed on the cover of this pamphlet.

### Warranty Information

(Applies only in the United States and Canada)

#### What does it cover?

- Any defect in material or workmanship provided; however, Spectrum Brands' liability will not exceed the purchase price of product.

#### For how long?

- Two years from the date of original purchase with proof of such purchase.

#### What will we do to help you?

- Provide you with a reasonably similar replacement product that is either new or factory refurbished.

#### How do you get service?

- Save your receipt as proof of date of sale.
- Visit the online service website at [www.prodprotect.com/blackanddecker](http://www.prodprotect.com/blackanddecker), or call toll-free **1-800-465-6070**, for general warranty service.
- If you need parts or accessories, please call **1-800-738-0245**.

#### How does state law relate to this warranty?

- This warranty gives you specific legal rights. You may also have other rights that vary from state to state or province to province.

#### What does your warranty not cover?

- Damage from commercial use
- Damage from misuse, abuse or neglect
- Products that have been modified in any way
- Products used or serviced outside the country of purchase
- Glass parts and other accessory items that are packed with the unit
- Shipping and handling costs associated with the replacement of the unit
- Consequential or incidental damages (Please note, however, that some states do not allow the exclusion or limitation of consequential or incidental damages, so this limitation may not apply to you.)

#### Are there additional warranty exclusions?

- **This warranty shall not be valid where it is contrary to U.S. and other applicable laws, or where the warranty would be prohibited under any economic sanctions, export control laws, embargos, or other restrictive trade measures enforced by the United States or other applicable jurisdictions. This includes, without limitation, any warranty claims implicating parties from, or otherwise located in, Cuba, Iran, North Korea, Syria and the disputed Crimea region.**