



GUIDE TO
PROFESSIONAL
RESULTS

Model KPCM050 Coffee Maker



FOR THE WAY IT'S MADE.™

® Registered Trademark/™ Trademark of KitchenAid, U.S.A.
© 2004. All rights reserved.

Specifications subject to change without notice.

dZw904



KitchenAid®
PRO LINE® SERIES

MODEL
KPCM050
COFFEE MAKER

**Introduction
Section Contents**

Table of Contents	3
Coffee Maker Safety	4
Important Safeguards.....	5
Proof of Purchase & Registration.....	6
Electrical Requirements.....	7



The **KitchenAid® PRO LINE® Series Coffee Maker** brings commercial performance to the home, combining outstanding construction and durability with features that make brewing abundant amounts of superb coffee easy.

The commercial, 1350-watt stainless steel heat pump brews quickly, providing exceptionally smooth and flavorful coffee. The elegant die-cast metal housing and stainless steel brew basket will stand up to the heaviest use. The front-fill water reservoir and slide-out basket design offer remarkable convenience.

With a 12-cup carafe, the Coffee Maker features exceptional capacity. The warming plate offers two temperature selections: “low” preserves the flavor of coffee served at a leisurely pace, while “high” keeps coffee piping hot.

An easy-to-set digital brew timer makes waking up to fresh coffee every morning simple. After brewing, keep an eye on coffee freshness with the handy “Time Since Brewing” display. And don’t worry about leaving the Coffee Maker on; it automatically shuts off two hours after brewing.

The KitchenAid® PRO LINE® Series: commercial quality for the discriminating home chef. From the company distinguished by its legendary craftsmanship.

TABLE OF CONTENTS

INTRODUCTION

Introduction	2
Coffee Maker Safety	4
Important Safeguards	5
Proof of Purchase & Product Registration	6
Electrical Requirements	7

FEATURES AND OPERATION

Coffee Maker Features	10
Preparing the Coffee Maker for Use	
Pre-Use Cleaning	13
Installing the Water Filter	13
Setting the Time-of-Day Clock	14
Brewing Coffee	16
Using the Warming Plate	
Adjusting Warming Plate Temperature	19
Turning Off the Warming Plate	19
Automatic Shutoff Feature	19
Programming the Automatic Brew Timer	20
Adjusting the Message Tone Volume	22
Resetting the Water Filter Icon	23
Coffee Brewing Suggestions: Advice for Great Taste	24

CARE AND CLEANING

Cleaning the Coffee Maker	28
Descaling	29
Storing the Coffee Maker	30
Cleaning the Optional Permanent Filter	30
Troubleshooting & Error Codes	31

WARRANTY AND SERVICE INFORMATION

Warranty for the 50 United States & District of Columbia ...	34
Warranty for Puerto Rico	35
Arranging for Hassle-Free Replacement	35
Ordering Accessories & Replacement Parts	36
Arranging for Service After the Warranty Expires	36
Arranging for Service Outside the 50 United States & Puerto Rico	37

COFFEE MAKER SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING." These words mean:

You can be killed or seriously injured if you don't immediately follow instructions.

 **DANGER**

You can be killed or seriously injured if you don't follow instructions.

 **WARNING**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed, including the following:

1. Read all instructions.
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against electrical shock, do not immerse cord, plugs, or Coffee Maker in water or other liquid.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug Coffee Maker from outlet before cleaning. Allow to cool before putting on or taking off parts, and before cleaning the appliance.
6. Do not operate any appliance with a damaged cord or plug, or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
7. The use of accessories not recommended by the appliance manufacturer may result in fire, shock or injury to persons.
8. Do not use outdoors.
9. Do not let cord hang over edge of table or counter, or touch hot surfaces.
10. Do not place on or near a hot gas or electric burner, or in a heated oven.
11. Do not use appliance for other than its intended use.
12. Do not use appliance without lid properly placed on container.
13. The container is designed for use with this appliance. It must never be used on a range top.
14. Do not set a hot container on a wet or cold surface.
15. Do not use a cracked container or a container having a loose or weakened handle.
16. Do not clean container with cleaners, steel wool pads, or other abrasive material.
17. This product has been UL Listed for household and commercial use.

SAVE THESE INSTRUCTIONS

PROOF OF PURCHASE

& PRODUCT REGISTRATION

Always keep a copy of the sales receipt showing the date of purchase of your Coffee Maker. Proof of purchase will assure you of in-warranty service.

Before you use your Coffee Maker, please fill out and mail your product registration card packed with the unit. This card will enable us to contact you in the unlikely event of a product safety notification and assist us in complying with the provisions of the Consumer Product Safety Act. This card does not verify your warranty.

Please complete the following for your personal records:

Model: KPCM050

Serial Number _____

Date Purchased _____

Store Name _____

ELECTRICAL REQUIREMENTS

Volts: 120 V.A.C. only.

Hertz: 60 Hz

NOTE: Your Coffee Maker has a 3 prong grounded plug. To reduce the risk of electrical shock, this plug will fit in an outlet only one way. If the plug does not fit in the outlet, contact a qualified electrician. Do not modify the plug in any way.

A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord. Do not use an extension cord. If the power supply cord is too short, have a qualified electrician or serviceman install an outlet near the appliance.

WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

KitchenAid®
PRO LINE® SERIES

FEATURES AND OPERATION

Features and Operation Section Contents

Coffee Maker Features	10
Preparing For Use	
Pre-Use Cleaning	13
Installing the Water Filter	13
Setting the Time-of-Day Clock	14
Brewing Coffee	16
Using the Warming Plate	19
Programming the Brew Timer	20
Adjusting Message Tone Volume	22
Resetting the Water Filter Icon	23
Coffee Brewing Suggestions	24

MODEL KPCM050 COFFEE MAKER FEATURES



Model KPCM050
Coffee Maker



Front-Fill Water Guide

Fill the water reservoir through the convenient front-fill water guide. A tone sounds to prevent overfilling when the maximum water level is reached.



Water Guide Cover

Cover prevents debris from falling into the water guide.



Water Filter Access Cover

Cover snaps in and out for convenient access to the water reservoir and filter.



Stainless Steel Brew Basket

Durable basket slides in and out from the front for easy access.



Brew Basket Insert

Insert removes from the brew basket for easy cleaning.



12-Cup Glass Carafe

The Carafe features drip-free pouring, a comfortable handle, and a removable lid that snaps in and out. Orange and black lids can be alternated to indicate regular or decaffeinated coffee.



Warming Plate Temperature Switch

Keep coffee heated to taste: "low" preserves the flavor of coffee served at a leisurely pace, while "high" keeps coffee piping hot.



Brew Timer Display and Timer Adjustment Buttons

Digital display shows the AM or PM time-of-day along with the water level, sound, and filter icons. The easy-to-set brew timer will brew coffee at the selected time, day or night. "Flicker protection" ensures that the timer and clock will maintain settings during a momentary power outage. The "+" and "-" timer adjustment buttons set the brew timer and clock.



Auto-On/Off Switch

To switch the coffee maker on or off, turn the auto-on/off switch momentarily to the "On/Off" position. To activate or deactivate the automatic brew timer, turn the switch momentarily to the "Auto" position. Indicator lights show when the coffee maker is on or the brew timer is activated. The coffee maker or brew timer cannot be switched on if there are fewer than 4 cups (17 oz.) of brew water in the reservoir.



Program-Clock Switch

The program-clock switch is used with the timer adjustment buttons to program the brew timer and set the time-of-day clock. To enter the clock-setting mode, turn the program-clock switch momentarily to the "Clock" position. To program the brew timer, turn the program-clock switch momentarily to the "Prog" position.



Time-Since-Brew Display

Display shows coffee freshness at a glance. 30, 60, 90, and 120-minute quadrants light up to indicate the time elapsed since the last carafe was brewed.



Water Level Icons

Icons on the brew timer display show whether the water reservoir is low, medium, or full.



Continued...

MODEL KPCM050

COFFEE MAKER FEATURES



Water Filter Icon

Icon appears on the brew timer display when the water filter needs to be replaced.



Sound Level Icon

Icon is displayed when message tones are enabled.

Message Tones

Convenient message tones instantly communicate coffee maker status. The coffee maker will beep three times when a brewing cycle is complete. If the coffee maker is turned on or the brew timer is activated without sufficient water in the reservoir, the coffee maker will beep once; it will also beep once when the reservoir is near full during filling. Message tone volume can be set high or low, or turned off for silent operation.

Automatic Shutoff

Coffee maker shuts off two hours after the last carafe is brewed.

Stainless Steel Heat Pump

The 1350-watt heat pump brews quickly, providing exceptionally smooth and flavorful coffee. The commercial stainless steel construction minimizes calcium build-up for maximum durability.



Advanced Ion-Exchange Water Filter

Replaceable filter reduces chlorine and other contaminants which impair coffee flavor. Filter also softens the water, which extends the time between descalings.

Quiet Finish™ Brewing

The advanced brew system design reduces noisy hissing and gurgling throughout the brewing cycle.

Optional Permanent Filter

The permanent filter eliminates the need for paper coffee filters. The fine, metal screen delivers exceptional brewing performance.

PREPARING THE COFFEE MAKER FOR USE

Pre-Use Cleaning

Wash the filter basket, basket insert, carafe, and carafe lids in hot, soapy water, then rinse with clean water and dry. Do not use abrasive cleansers or scouring pads. These parts may also be washed in the top rack of the dishwasher.

Installing the Water Filter

Since most tap water is chlorinated and contains some level of calcium, the use of a PRO LINE® Series Water Filter is recommended. The advanced ion-exchange water filter reduces chlorine and other contaminants which impair coffee flavor. The filter also softens the water, which extends the time between descalings.

The PRO LINE® Series Water Filter will filter approximately 25 gallons of water (60 full carafes). When a filter has reached the end of its life, the water filter icon will appear on the brew timer display.

Use of the water filter is optional: the coffee maker will operate normally without it. If a water filter is not used, the filter icon will still appear on the brew timer display as a reminder to descale the coffee maker. To reset the icon after it appears, see page 23.

The water filter is for use only with municipally treated tap water or well water that is regularly tested for contaminants.

To Install the Filter:

1. Remove the cartridge from its packaging.
2. Place the filter cartridge in a separate container filled with fresh, cool water; the cartridge should remain submerged in the water for 10 minutes.
3. Remove the water filter access cover from the coffee maker.



PREPARING THE COFFEE MAKER FOR USE

4. Place the filter cartridge in the circular well at the bottom of the water reservoir. Push the cartridge slightly to make sure it fits snugly.



5. Replace the water filter access cover and run the coffee maker through a complete brewing cycle without coffee. Use a full carafe of clean, cool water.

WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Setting the Time-of-Day Clock

When the coffee maker is first plugged in or when power is restored after an interruption, the brew timer display automatically enters the clock-setting mode. The hour digits on the display will flash until a time is set.

To Enter Clock-Setting Mode

If the digits on the brew timer display are not flashing, enter the clock-setting mode by turning the Program-Clock Switch clockwise to the "Clock" position, then releasing. The hour digits will begin to flash.



To Set The Clock

1. Press the "-" Timer Adjustment Button to decrease the hour or the "+" Timer Adjustment Button to increase the hour. If a Timer Adjustment Button is pressed and held, the hour digits will scroll. The AM and PM icons will change when the hour digits roll past "12." Make certain the hour set is correct with regard to AM or PM.

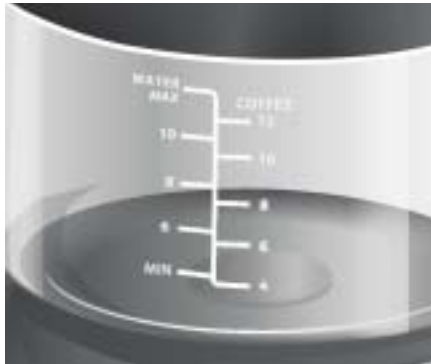


2. Once the hour is set, turn the Program-Clock Switch clockwise to the "Clock" position, then release. The minute digits will begin to flash.
3. Press the "-" or "+" Timer Adjustment Buttons to adjust the minutes. If a Timer Adjustment Button is pressed and held, the minute digits will scroll.
4. Once the minutes are set, turn the Program-Clock Switch clockwise to the "Clock" position, then release. The minute digits will stop flashing and the brew timer display will exit the clock-setting mode.

BREWING COFFEE

Before brewing coffee for the first time, run the coffee maker through a complete brewing cycle without coffee. Use a full carafe of clean, cool water. This rinses the water reservoir, heat pump, and showerhead. This first brew cycle will yield slightly less water than the amount added, since the brew system retains a small amount of water.

1. Fill a carafe with enough fresh, cool water to make the desired amount of coffee. A graduated scale on the side of the carafe helps measure the amount of water required. The right side of the scale ("coffee") is an accurate measurement of carafe volume in $\frac{1}{4}$ -ounce cups. The left side of the scale ("water") indicates the amount of water needed to produce a given number of cups. (Brewing always produces less coffee than the volume of water added, since coffee grounds retain water.)



NOTE: Use at least 4 cups (17 oz.) of water to brew coffee. The coffee maker will not operate with less.

2. Remove the water guide cover and pour the water into the guide.



 The water level icons on the brew timer display will indicate whether the water reservoir is low, medium, or near full.



If message tones are enabled, the coffee maker will beep once when the water reservoir is near full.

3. After filling the reservoir, place the carafe on the coffee maker warming plate.
4. Grasp the brew basket handle and remove the brew basket from the front of the coffee maker.



5. Make certain the plastic brew basket insert is placed in the brew basket. Insert a 10-12 cup flat-bottom paper filter or the optional permanent filter into the brew basket. Using the included scoop, fill the filter with one rounded scoop of ground coffee for each cup desired. Add more coffee for a stronger brew, less for a weaker brew. Use a medium grind appropriate for automatic drip coffee makers: too fine a grind will produce bitterness and may cause water to overflow the brew basket.



6. Slide the brew basket into the coffee maker as far as possible.
7. To begin brewing, turn the Auto-On/Off Switch clockwise to the "On/Off" position, then release. The on/off indicator light will illuminate when the coffee maker is on. Do not remove the carafe from the coffee maker until brewing is complete.



Continued...

BREWING COFFEE

NOTE: The coffee maker cannot be switched on if there are fewer than 4 cups (17 oz.) of brew water in the reservoir.

 If message tones are enabled, the coffee maker will:

- beep once if there are fewer than 4 cups (17 oz.) of brew water in the reservoir
 - beep three times when brewing is complete
8. When brewing is finished, the 30, 60, 90, and 120-minute segments on the time-since-brew display will light up to indicate the time elapsed since the completion of the brewing cycle. At the end of two hours, the coffee maker will shut off automatically. To shut off the coffee maker manually, turn the Auto-On/Off Switch clockwise to the "On/Off" position, then release.

9. Repeat steps 1–7 to brew additional carafes of coffee. Always turn off the coffee maker and allow it to cool for five minutes before starting the next carafe.



USING THE WARMING PLATE

Adjusting Warming Plate Temperature

The warming plate can hold coffee at a choice of two serving temperatures. Turn the Temperature Switch clockwise to the “Low” position to preserve the flavor of coffee served at a leisurely pace. Turn the Temperature Switch counter-clockwise to the “High” position to keep coffee piping hot.



Turning Off the Warming Plate

The warming plate is on whenever the on/off indicator light is illuminated. To shut off the coffee maker, turn the Auto-On/Off Switch clockwise to the “On/Off” position, then release.

The Automatic Shutoff Feature

The warming plate will remain on for 2 hours after the last carafe is brewed, then automatically shut off.

PROGRAMMING THE AUTOMATIC BREW TIMER

The KitchenAid® PRO LINE® Series Coffee Maker can be programmed to brew coffee at a preset time, making it easy to wake up to fresh coffee every morning. To set the automatic brew timer, perform the following steps:

1. Enter the brew timer program mode by turning the Program-Clock Switch counter-clockwise to the “Prog” position, then releasing. The brew timer display background color will change from blue to red and the hour digits will begin to flash. The red background indicates program mode is active.



2. Press the “-” Timer Adjustment Button to decrease the hour or the “+” Timer Adjustment Button to increase the hour. If a Timer Adjustment Button is pressed and held, the hour digits will scroll. The AM and PM icons will change when the hour digits roll past “12.” Make certain the hour set is correct in regard to AM or PM.



3. Once the hour is set, turn the Program-Clock Switch counter-clockwise to the “Prog” position, then release. The minute digits will begin to flash.
4. Press the “-” or “+” Timer Adjustment Buttons to adjust the minutes. If a Timer Adjustment Button is pressed and held, the minute digits will scroll.
5. Once the minutes are set, turn the Program-Clock Switch clockwise to the “Prog” position, then release. The brew timer will exit the program mode and the brew timer display background color will return to blue.

6. Fill the coffee maker with coffee and fresh water, then activate the automatic brew timer by turning the Auto-On/Off Switch counter-clockwise to the "Auto" position, then releasing. When the brew timer is active, the auto indicator light will be illuminated.



NOTE: The brew timer will not activate if there are fewer than 4 cups (17 oz.) of brew water in the reservoir.

 If message tones are enabled, the coffee maker will beep on every attempt to activate the brew timer without sufficient water in the reservoir.

If automatic brewing needs to be cancelled, deactivate the brew timer by turning the Auto-On/Off Switch counter-clockwise to the "Auto" position, then releasing. When deactivated, the auto indicator light will go out.

7. When brewing starts at the programmed time, the on/off indicator light will illuminate and the auto indicator light will go out.

 If message tones are enabled, the coffee maker will beep three times when brewing is complete.

NOTE: The automatic brew timer must be activated each time you want the coffee maker to brew at the programmed time.

ADJUSTING ^{THE} MESSAGE TONE VOLUME

Message tones instantly communicate coffee maker status. Tone volume can be set high or low, or turned off for silent operation. When first used, the coffee maker automatically defaults to high volume tones.

The sound level icon will be visible on the brew timer display when message tones are enabled:

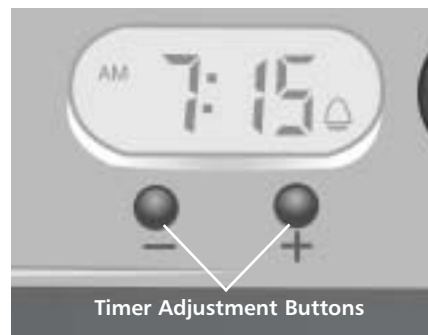


With message tones enabled, the coffee maker will produce 3 one-second tones when the brewing cycle is complete, and a single one-second tone when:

- you attempt to turn on the coffee maker or activate the brew timer without sufficient water in the reservoir
- the water reservoir nears the maximum level during filling
- the water filter icon is reset

To Adjust the Message Tone Volume

Press and hold the “-” and “+” Timer Adjustment Buttons simultaneously for about 5 seconds to enable, disable, or change the volume of the message tones.



As the Timer Adjustment Buttons are pressed:

- If the high-volume sound level icon is visible, it will disappear. The message tones are now disabled.
- If the message tones are disabled (no sound level icon is visible), the low-volume sound level icon will appear. The coffee maker will now produce low-volume tones.
- If the low-volume sound level icon is visible, it will change to the high-volume icon. The coffee maker will now produce high-volume tones.

If the Timer Adjustment Buttons are held down continuously, the message tones will alternate between disabled, low volume, and high volume.

RESETTING THE WATER FILTER ICON

The PRO LINE® Series Water Filter will filter approximately 25 gallons of water (60 full carafes). When a filter has reached the end of its life, the water filter icon will appear on the brew timer display. The coffee maker will keep track of the remaining filter life even when unplugged.

To maintain the best performance, the coffee maker should be descaled whenever the water filter icon appears. If a water filter is not used, the coffee maker will still display the water filter icon as a reminder to descale. For descaling instructions, see page 29.

To Reset the Water Filter Icon

After the water filter has been replaced (see “Installing the Water Filter” on page 13), press and hold the “+” Timer Adjustment Button until the water filter icon disappears. Doing this resets the function that tracks how much coffee has been brewed. The water filter icon will re-appear when the new filter has reached the end of its life.



COFFEE BREWING SUGGESTIONS:

ADVICE FOR GREAT TASTE

The flavor of coffee depends on a variety of factors, including the quality, freshness, and roast of the beans, the fineness and consistency of the grind, the ratio of coffee to brew water, the cleanliness of the brewing equipment, and the brew water purity.

Darkly roasted beans – which appear dark brown or nearly black – look great, but the extra roasting will overwhelm the more delicate coffee flavors and caramelize any sugars. A heavy “roasted” coffee flavor, often bitter and sharp, will predominate with a dark roast.



Fresh Coffee Beans

Great coffee can only come from fresh coffee beans, properly roasted. Many experts recommend buying beans roasted no darker than a medium roast, the color of which appears as an even chocolate brown. This roast preserves the natural sugars and flavor of the bean, and sets the stage for an excellent cup of coffee. A medium roast is the darkest a bean can be roasted without oils developing on the surface.

To preserve the freshness of coffee beans:

Keep beans in an opaque, air-tight container and store them in a cool, dry place. Refrigeration is not recommended, as condensation tends to form on the beans whenever the container is opened. Freezing can help preserve beans stored for an extended period, but it will also impair the flavor.

The Right Grind

Freshly ground coffee loses flavor and aroma quickly – within minutes. The best cup of coffee will always come from coffee beans that are ground just before brewing.

A proper grind is critical for good coffee, and that means using a quality burr grinder like the PRO LINE® Series Burr Coffee Mill or the KitchenAid® Model A-9™ Coffee Mill. A good burr grinder will produce an extremely consistent grind with little frictional heating, and preserve the full flavor of your coffee.

Be sure to grind your coffee to the correct size – use a medium grind level appropriate for automatic drip coffee makers. Feel free to experiment with slightly finer or coarser grinds, but don't overdo it: too fine a grind will result in very bitter coffee, and too coarse a grind will produce weak flavor. If the correct grind is used, adding more coffee simply makes a brew stronger without making it excessively bitter.

The Proper Amount of Ground Coffee

For standard drip-process coffee, a good starting point is to use 1 ounce of coffee for every 4 cups of brew water as measured with the carafe (a carafe "cup" is about 4¼ ounces). Finer grinds usually require less coffee, but using too fine a grind will produce bitterness and may cause water to overflow the brew basket.

If you prefer substantially weaker-than-average coffee, it's best to brew using a normal amount of ground coffee and then dilute the result with hot water. Doing this will maximize flavor and minimize bitterness.

Brew Water Purity

The PRO LINE® Series water filter that comes with your coffee maker is one of the most effective in the industry at removing off-tastes and contaminants from your brew water. It also softens the water and extends the time between coffee maker descalings. For great tasting coffee, be sure to use the filter – and replace it promptly when the water filter icon appears on the brew timer display.

Where local water quality is extremely poor, you may wish to use bottled, purified water with your coffee maker. Do not use distilled water or mineral water – they can damage the coffee maker.

If the coffee maker hasn't been used in awhile, run it through a complete brewing cycle without coffee. Use a full carafe of clean, cool water. This rinses the water reservoir, heat pump, and showerhead, and eliminates any stale water within the unit.

Continued...

COFFEE BREWING SUGGESTIONS:

ADVICE FOR GREAT TASTE

Coffee Maker Cleanliness

Coffee oils build up quickly within the brew basket and carafe. Over time, these oils will go stale and taint the flavor of freshly brewed coffee. Daily cleaning of the brew basket, brew basket insert, and carafe is strongly recommended for the best-tasting coffee.

Warming Plate Temperature

If you intend to keep coffee on the warming plate for an extended period, use the “low” temperature setting. This will help preserve coffee flavor.

KitchenAid®
PRO LINE® SERIES

CARE AND CLEANING

Care and Cleaning Section Contents

Cleaning the Coffee Maker	28
Descaling.....	29
Storing the Coffee Maker	30
Cleaning the	
Optional Permanent Filter	30
Troubleshooting & Error Codes	31

CARE AND CLEANING



Cleaning the Coffee Maker

1. Unplug the coffee maker.
2. Remove the brew basket insert from the brew basket.



3. Wash the brew basket, brew basket insert, carafe, and carafe lid in hot, soapy water and rinse with hot water. Do not use abrasive cleansers or scouring pads. These parts can also be washed in the upper rack of the dishwasher.
4. Wipe the coffee maker housing with a clean damp cloth, and dry with a soft cloth. Do not use abrasive cleansers or scouring pads.

Descaling

Calcium deposits (“scale”) from water will build up in the coffee maker heat pump over time and impair brewing efficiency and coffee quality. With normal use, scale should be removed every three months or whenever the water filter icon appears on the brew timer display. Local water conditions, use of the coffee maker more than once a day, or use without a water filter may require more frequent descaling.

The following conditions indicate an immediate need for descaling:

- the presence of loud sounds during brewing
- a brewing time greater than 10 minutes for 12 cups of coffee
- the appearance of “E1” or “E2” on the brew timer display

Mixing the Descaling Solution

The coffee maker can be descaled using a packaged descaling agent or vinegar.

- When using a descaling agent, follow the directions on the package for the recommended amounts of descaling agent and water to use.
- When using vinegar, mix a solution of 6 cups vinegar and 6 cups water.

Descaling Steps

1. Before descaling, always remove the water filter (see “Installing the Water Filter” on page 13) and make certain the brew basket contains no coffee or coffee filters.
2. Run the coffee maker through a complete brewing cycle using the descaling solution. If the coffee maker has not been descaled for an extended period, run it through a second brewing cycle using fresh descaling solution.
3. Rinse the coffee maker by running it through two brewing cycles using fresh, cool water.
4. Wash the brew basket, brew basket insert, carafe, and carafe lid in hot, soapy water and rinse with hot water. These parts can also be washed in the upper rack of the dishwasher.
5. Reinstall the water filter and reset the water filter icon if necessary (see page 23).

Error Codes During Descaling

If “E1” or “E2” error codes appear during descaling, unplug the coffee maker for 30 seconds to reset the display, then plug it back in and continue. If error codes continue to appear after cleaning, see the KitchenAid Warranty and Service section on page 33.

CARE AND CLEANING

Storing the Coffee Maker

Since the coffee maker retains a small amount of water after brewing, never use it in environments where the temperature drops below freezing (32°F or 0°C).

If the coffee maker will not be used for a prolonged period, or if it will be stored at temperatures below freezing, empty all water from the unit. To empty, unplug the coffee maker, then remove the water guide cover, the water filter access cover, the water filter, and the brew basket. Hold the coffee maker over a sink, and repeatedly turn it upside down until all the water drains from the unit. Wipe the coffee maker dry, and store.

When the coffee maker is taken out of storage, run it through a complete brewing cycle without coffee. Use a full carafe of clean, cool water. This rinses the water reservoir, heat pump, and showerhead.

Cleaning the Optional Permanent Filter

After several uses, clean the filter with a soft brush or sponge. Avoid using abrasive cleansers or steel wool pads. The filter can also be washed in the top rack of a dishwasher.

TROUBLESHOOTING AND ERROR CODES

- **If the brew timer display is not illuminated:**

Check to see if the coffee maker is plugged in. If it is, unplug the coffee maker, then plug it back in again. If the brew timer display remains dark, check the fuse or circuit breaker on the electrical circuit the coffee maker is connected to and make certain the circuit is closed.

- **If “E1” or “E2” appears on the brew timer display:**

The coffee maker needs to be descaled. Unplug the coffee maker for 30 seconds to reset the display, then plug it back in again. See “Descaling” on page 29. If error codes continue to appear after cleaning, see the KitchenAid Warranty and Service section on page 33.

- **If “E3” appears on the brew timer display:**

A button or switch is jammed. Unplug the coffee maker, press or turn each switch and button several times, then plug the coffee maker back in. (If the coffee maker has been stored or used in a cool environment, warm the unit to normal room temperature before doing this.) If “E3” appears again on the display, repeat this procedure.

- **If it requires more than 10 minutes to brew 12 cups of coffee:**

The coffee maker needs to be descaled. See “Descaling” on page 29.

- **If the coffee maker makes loud sounds during brewing:**

The coffee maker needs to be descaled. See “Descaling” on page 29.

If the problem cannot be fixed with the steps above, see the KitchenAid Warranty and Service section on page 33.*

*Do not return the coffee maker to the retailer. Retailers do not provide service.



KitchenAid®
PRO LINE® SERIES

WARRANTY AND SERVICE INFORMATION

Warranty Information Section Contents

Warranty for the U.S.	34
Warranty for Puerto Rico	35
Arranging for Hassle-Free Replacement	35
Ordering Accessories & Replacement Parts	36
Arranging for Service After the Warranty Expires	36
Arranging for Service Outside the U.S. & Puerto Rico	37

COFFEE MAKER **WARRANTY**
FOR THE **50 UNITED STATES**
AND DISTRICT OF COLUMBIA

This warranty extends to the purchaser and any succeeding owner for PRO LINE® Series Coffee Makers operated in the 50 United States and District of Columbia.

Length of Warranty:	KitchenAid Will Pay For Your Choice of:	KitchenAid Will Not Pay For:
Two Year Full Warranty for Household Use, from date of purchase.	 Hassle-Free Replacement of your Coffee Maker. See "Arranging for Hassle-Free Replacement" for details, or call the KitchenAid Customer Satisfaction Center toll-free at 1-800-541-6390 . OR The replacement parts and repair labor costs to correct defects in materials and workmanship. Service must be provided by an Authorized KitchenAid Service Center. See the KitchenAid® PRO LINE® Series Coffee Maker Warranty for Puerto Rico for details on how to arrange for service.	A. Repairs when the Coffee Maker is used in other than normal single family home use. B. Damage resulting from accident, alteration, misuse or abuse. C. Any shipping or handling costs to deliver your Coffee Maker to an Authorized Service Center. D. Replacement parts or repair labor costs for Coffee Makers operated outside the 50 United States and District of Columbia.

KITCHENAID DOES NOT ASSUME ANY RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

COFFEE MAKER WARRANTY FOR PUERTO RICO

A limited two year warranty for household use from the date of purchase extends to the purchaser and any succeeding owner for PRO LINE® Series Coffee Makers operated in Puerto Rico. During the warranty period, all service must be handled by an Authorized KitchenAid Service Center.

Please bring the Coffee Maker, or ship it prepaid and insured, to the nearest Authorized Service Center. Call toll-free **1-800-541-6390** Monday through Friday, 8 a.m. to 8 p.m. (Eastern Time), or Saturday, 10 a.m. to 5 p.m. to learn the location of a Service Center near you. Your repaired Coffee Maker will be returned to you prepaid and insured.

ARRANGING FOR HASSLE-FREE REPLACEMENT

IF YOU RESIDE IN THE 50 UNITED STATES and your KitchenAid® PRO LINE® Series Coffee Maker should fail within two years of ownership, simply call our toll-free Customer Satisfaction Center at **1-800-541-6390** Monday through Friday, 8 a.m. to 8 p.m. (Eastern Time), or Saturday, 10 a.m. to 5 p.m. Give the consultant your complete shipping address. (No P.O. Box Numbers, please.)

KitchenAid will arrange to deliver an identical or comparable replacement to your door free of charge and arrange to have your “failed” Coffee Maker returned to us. Your replacement unit will also be covered by our two year full warranty.

When you receive your replacement PRO LINE® Series Coffee Maker, use the carton and packing materials to pack-up your “failed” Coffee Maker. In the carton, include your name and address on a sheet of paper along with a copy of the proof of purchase (register receipt, credit card charge slip, etc.).

ORDERING **ACCESSORIES** AND **REPLACEMENT** PARTS

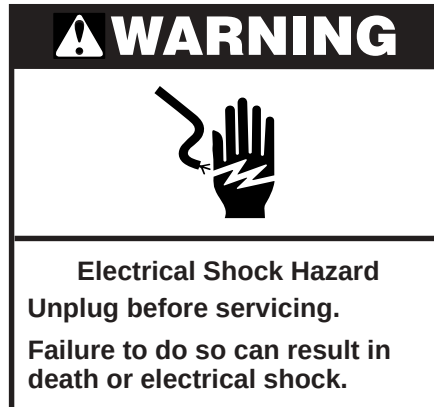
The KitchenAid® PRO LINE® Series Coffee Entertainment Accessory Pack with a 12-cup carafe and portable warming plate, model KPCMEA, is a companion to the Pro Line® Coffee Maker model KPCM050.

To order accessories or replacement parts for your Coffee Maker, call toll-free **1-800-541-6390** Monday through Friday, 8 a.m. to 8 p.m. (Eastern Time), or Saturday, 10 a.m. to 5 p.m., or write to:
Customer Satisfaction Center, KitchenAid Portable Appliances,
P.O. Box 218, St. Joseph, MI 49085-0218.

ARRANGING FOR **SERVICE** AFTER THE **WARRANTY** EXPIRES

For service information, call toll-free **1-800-541-6390** Monday through Friday, 8 a.m. to 8 p.m. (Eastern Time), or Saturday, 10 a.m. to 5 p.m., or write to:

Customer Satisfaction Center, KitchenAid Portable Appliances,
P.O. Box 218, St. Joseph, MI 49085-0218.



ARRANGING FOR **SERVICE** OUTSIDE
THE **50 UNITED STATES**
AND PUERTO RICO

Consult your local KitchenAid dealer or the store where you purchased your PRO LINE® Series Coffee Maker for information on how to obtain service.