

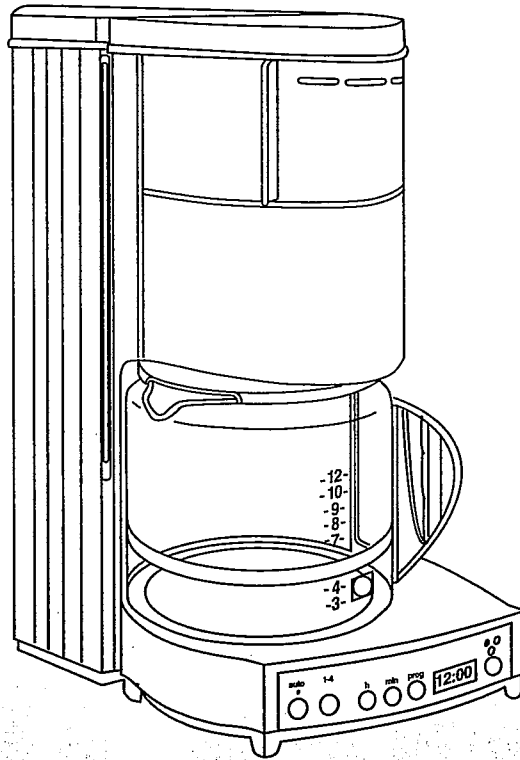
OWNER'S MANUAL



12-CUP COFFEEMAKER

Models 49071, 49070

KCM12



CAUTION:

Before using this Coffeemaker, read this manual and follow all its Safety Rules and Operating Instructions.

- Safety
- Operation
- Cleaning
- Troubleshooting

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SEARS WARRANTY

FULL ONE YEAR WARRANTY ON KENMORE 12-CUP COFFEEMAKER

If this Kenmore 12-Cup Coffeemaker fails due to a defect in material or workmanship within one year from date of purchase, Sears will replace it free of charge.

WARRANTY SERVICE

To obtain replacement under this warranty, return this Kenmore 12-Cup Coffeemaker to your nearest Sears Store in the United States.

This warranty applies only while this Kenmore 12-Cup Coffeemaker is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179
Customer Service Department 1-800-233-9054

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, especially when children are present, basic safety precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING.

1. Do not touch hot surfaces. Use handles or knobs.
2. To protect against fire, electric shock and injury to persons, do not immerse cord, plugs, or appliance in water or other liquid.
3. Close supervision is necessary when any appliance is used by or near children.
4. 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.
5. 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.
6. The use of accessory attachments not recommended by the appliance manufacturer may result in fire, electric shock, or injury to persons.
7. Do not use outdoors.
8. Do not let cord hang over edge of table or counter, or touch hot surfaces.
9. Do not place on or near a hot gas or electric burner, or in a heated oven.
10. 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.
11. Do not use appliance for other than intended use.
12. For household use only.
13. This machine was designed to process normal household quantities only. It is not suitable for continuous operation.
14. Always use fresh, cool water in your Kenmore 12-Cup Coffeemaker. Warm water or other liquids may cause damage to the appliance.
15. Always operate your coffeemaker with both the Carafe and Machine Lid in place. If this precaution is not observed, the Filter Basket will overflow.
16. Do not leave empty Carafe on Hot Plate when appliance is turned ON, as the Carafe may crack or become otherwise damaged.
17. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
18. Appliances with Glass Containers:
 - A. The container is designed for use with this appliance. It must never be used on a range top.
 - B. Do not set a hot container on a wet or cold surface.
 - C. Do not use a cracked container or a container having a loose or weakened handle.
 - D. Do not clean container with cleansers, steel-wool pads, or other abrasive materials.
 - E. Do not put the carafe into a microwave.

SAVE THESE INSTRUCTIONS

WARNINGS

TO AVOID ELECTRICAL SHOCK:

- To reduce the risk of fire or electric shock, do not remove any service covers. There are no user serviceable parts inside. Repair should be done by authorized personnel only.
- Keep your coffeemaker out of the reach of children.
- Do not run water or any other liquid over the coffeemaker.

TO OTHERWISE AVOID INJURY:

- Keep appliance from direct contact with steam.
- Do not use your Kenmore 12-Cup Coffeemaker without water.
- Do not use your Kenmore 12-Cup Coffeemaker if it is obviously leaking.
- Keep your hands and the cord away from hot coffeemaker parts during operation.
- Never clean with harsh cleansers or abrasive materials.

FACTORY TESTING INFORMATION

To ensure that your Kenmore 12-Cup Coffeemaker will operate to perfection once it reaches your home, the factory tests each machine for water leakage, brew temperature and other operational features. Occasionally, a new machine may still contain coffee residue or water from this factory testing. If you find such residue on your machine, simply clean it as directed under "Before Using Your Kenmore 12-Cup Coffeemaker."

POLARIZED PLUG

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.

SHORT POWER CORD

The coffeemaker's power cord is short to reduce your risk of becoming entangled in or tripping over a long cord. You can obtain a longer, detachable power-supply cord or extension cord, but be careful when using a coffeemaker equipped with extra cord length.

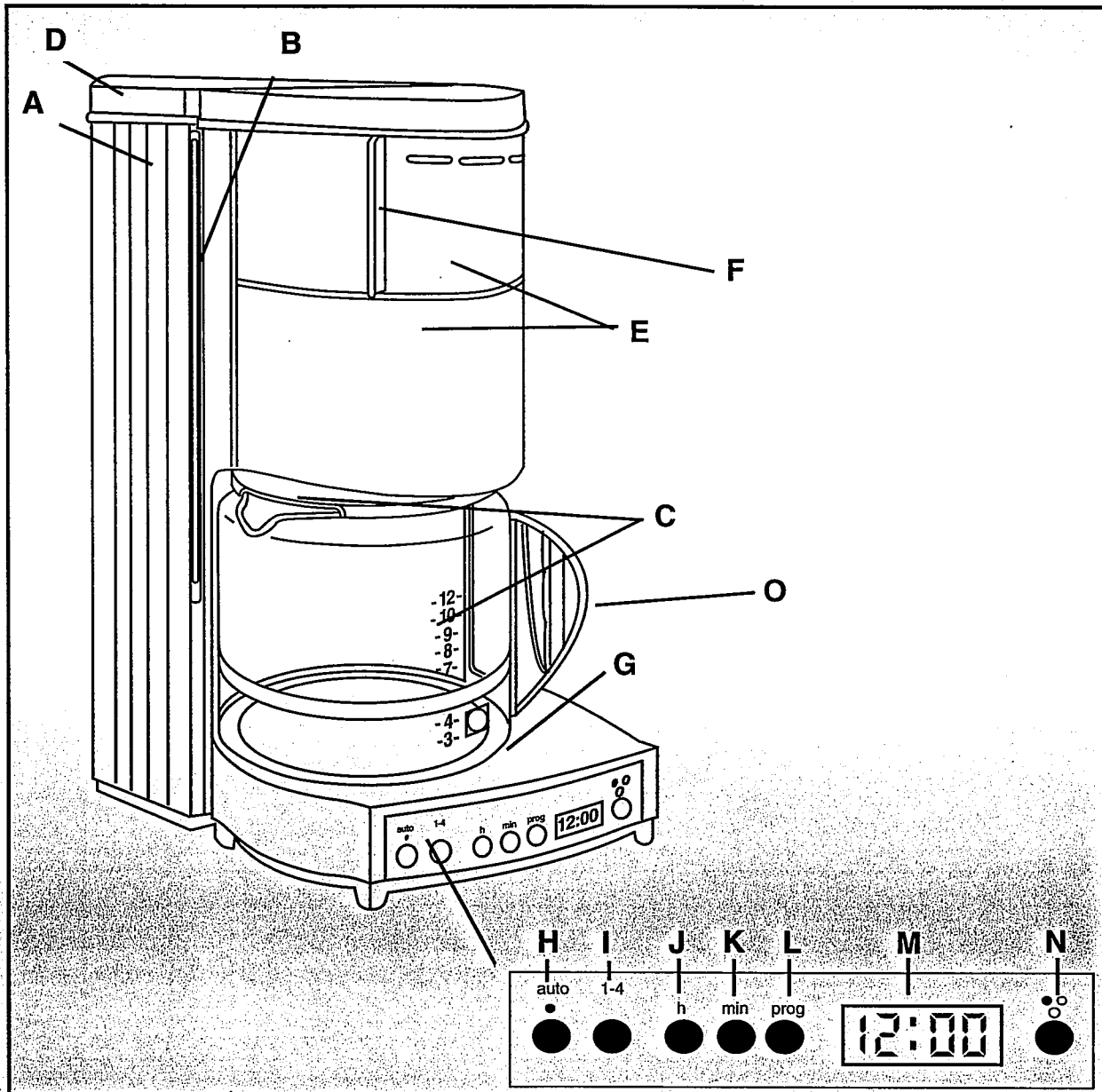
If you are using a longer detachable power-supply cord or extension cord, (1) the marked electrical rating of the extension cord should be at least as great as the electrical rating of the appliance, and (2) arrange the longer cord so that it will not drape over the counter top or table top where it can be pulled on by children or tripped over unintentionally.

YOUR KENMORE 12-CUP COFFEEMAKER

Your new Kenmore 12-Cup Coffeemaker is designed to give you years of precise coffee brewing.

The precision timer allows you to easily program the coffeemaker to brew your coffee at any pre-programmed time. The

durable glass carafe, convenient swing-out filter basket, and "drip interrupt" feature allow you to prepare and serve coffee with accuracy and ease. With all removable parts being dishwasher safe, clean-up is fast and easy.



- A. Water Tank
- B. Water Level Indicator
- C. Carafe with Lid
- D. Tank Lid
- E. Filter Basket
- F. Filter Basket Swing-out Handle
- G. Hot Plate
- H. (Auto) Button

- I. Aroma (1-4) Button
- J. Hour (h) Button
- K. Minutes (min) Button
- L. Timer set (prog) Button
- M. LCD Display Time
- N. Power ON/OFF button
- O. Carafe Handle

BEFORE USING YOUR KENMORE 12-CUP COFFEEMAKER

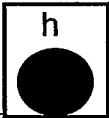

CAUTION: Never operate your Kenmore 12-Cup Coffeemaker with anything but cold water in the Water Tank.

1. Read all important safeguards and warnings on pages 2-3 of this manual.
2. Wash all removable parts of your coffeemaker with warm water.
3. Unwind the Power Cord from the storage area located on the back side of machine. Straighten cord thoroughly to remove any kinks. Wind excess cord back into storage area, leaving only the amount of cord needed to reach the outlet.
4. Set the clock on your precision timer and prepare the brewing system according to the directions below.

SETTING CLOCK TIME

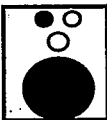
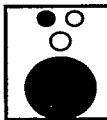
To use the precision timer of your Kenmore 12-Cup Coffeemaker, you must first set the clock to the correct time.

To set the clock:

1. Plug coffeemaker into a standard household electrical outlet. The numbers in the LCD display will flash "12:00".
2. To set the hour, press the (h) button until the current hour is displayed in the LCD display. The time will advance by one hour each time the (h) button is pressed. To scroll through the hours, push in and hold the (h) button. Note a.m. and p.m. hours in display window. 
3. To set the minutes, press the (min) button until the current minute(s) is (are) displayed in the LCD display. The minutes will advance by one minute each time the (min) button is pressed. To scroll through the minutes, press in and hold the (min) button. 
4. Once you have set the time, be sure to prepare your coffeemaker for brewing by following the instructions in the next section.

PREPARING YOUR BREWING SYSTEM

Before using your Kenmore 12-Cup Coffeemaker for the first time, we recommend you perform the following steps to prepare the brewing system.

1. Combine 6 cups **COLD** water and 2 cups white vinegar. Mix well.
2. Make sure ON/OFF button is turned OFF (red ON/OFF button should not be lit). 
3. Be sure Filter Basket (do not place a filter into basket) is closed securely in place. Be sure Carafe Lid is on Carafe, and Carafe is on Hot Plate. Lift Tank Lid and fill Water Tank with water/vinegar solution. **CAUTION: Do not overfill Water Tank.** Close Tank Lid.
4. Press ON/OFF button to turn coffeemaker ON (red ON/OFF light will turn on). The vinegar/water solution will begin to flow through the Filter Basket and into the Carafe. When all of the solution has run through the filter and into the Carafe, press ON/OFF button to turn machine OFF. Use the handle to remove Carafe carefully and pour hot contents into the sink or another appropriate receptacle. Rinse Carafe thoroughly and replace on Hot Plate. 
5. **CAUTION: It is necessary to let the machine cool down for approximately 5 minutes before repeating step 4.** Repeat step 4 twice, using fresh water instead of water/vinegar solution. Once completed, your Kenmore 12-Cup Coffeemaker is ready to brew coffee.

OPERATING INSTRUCTIONS

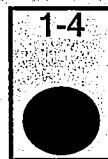
BREWING COFFEE

The best-tasting coffee begins with quality beans. We recommend using coffee ground specifically for automatic drip coffeemakers. This type of coffee is prepared specifically for your coffeemaker's brewing system. Your Kenmore 12-Cup Coffeemaker will brew up to 12 6-ounce cups of coffee at a time.

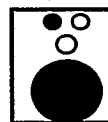
IMPORTANT: Be sure coffeemaker is turned OFF before beginning.

1. Fill the Carafe with **COLD** water only to the desired level (see water level markings on side of Carafe). For example, fill Carafe to "2" for two 6-ounce cups, "10" for ten 6-ounce cups, etc.
2. With coffeemaker still OFF, lift the Tank Lid and carefully pour the water from the Carafe into the Water Tank. Lower Tank Lid and double check the water level through the Water Level Indicator.
3. Thoroughly dry the bottom of the Carafe if it is wet or damp. Once dry, place Carafe on Hot Plate.
4. Swing Filter Basket out and to the right using the Swing-Out Handle. Insert a size 1 x 4 paper filter or a #4 permanent filter into the filter basket. If you are using a paper filter, make sure to open it inside the Filter Basket so it will conform to the shape of the Filter Basket.
5. Spoon ground coffee—ground specifically for an automatic drip coffeemaker—into the paper or permanent filter inside the Filter Basket. Use 1 Tablespoon of ground coffee for each 6-ounce cup.
6. Swing the Filter Basket back into place by swinging it back to the left. Close Filter Basket into place. Make sure the Filter Basket is securely in position.
7. Close the Tank Lid securely. Make sure the Carafe Lid is in place on the Carafe. Place Carafe with Lid on the Hot Plate.

NOTE: Use the "Aroma" button when you plan on brewing only a small amount of coffee, between 1-4 cups. The aroma button slows down the brewing process and brews the coffee in intervals during the first 3 minutes. This makes better tasting coffee when brewing a half carafe or less of coffee.



8. Press the ON/OFF button to turn your coffeemaker on and begin the brewing process. The red ON/OFF light will turn on.



WARNING: The Carafe Lid must be on Carafe or coffee will not flow into the Carafe. Never swing Filter Basket out of position during brewing. Water will soon begin to flow into the Filter Basket, through the ground coffee, and coffee will begin to run into the Carafe. Generally, brewing two cups will take approximately 3 minutes; brewing twelve cups will require approximately 10 minutes.

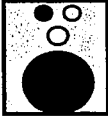
WARNING: Wait to remove Carafe until the brewing process is complete to avoid personal injury and machine damage.

9. Once the brewing cycle has finished, (coffee drippings from the Filter Basket into the Carafe has stopped), you may remove the Carafe and serve fresh, hot, brewed coffee.
10. Once you have removed the Carafe from the Hot Plate, the Drip-Interrupt Device (located on the bottom of the filter basket) will prevent coffee from dripping onto the Hot Plate. You may also leave the filled Carafe on the Hot Plate to keep your brewed coffee warm.

CAUTION: Do not leave empty Carafe on Hot Plate when the appliance is turned ON. The Carafe may crack or become otherwise damaged.

OPERATING INSTRUCTIONS (CONT'D)

WARNING: Filter contains hot coffee grounds; use caution when removing grounds.


11. To remove used coffee grounds, push ON/OFF button to turn machine OFF. **Allow machine to cool completely.** Swing out Filter Basket and carefully lift out filter. Dispose of filter and grounds—or empty used grounds from #4 gold filter—into an appropriate waste receptacle. 
12. If you wish to make additional coffee, press the ON/OFF button to turn coffeemaker OFF. Allow your Kenmore 12-Cup Coffeemaker to cool for five minutes. After allowing coffeemaker to cool, repeat steps 2-11 above.
13. Whether you brew coffee with or without using the automatic brewing feature, your precision timer will automatically turn the coffeemaker off after two hours. To avoid unnecessary wear and tear on your coffeemaker, however, we recommend that you press the ON/OFF button to turn the coffeemaker OFF within a reasonable time after brewing.
14. If you will not be using your Kenmore 12-Cup Coffeemaker for an extended period of time, be sure to unplug it from the electrical outlet. Wind the Power Cord into the Cord Storage area located on the back of the appliance.

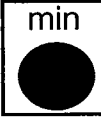
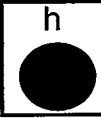
PROGRAMMING YOUR COFFEEMAKER


The Kenmore 12-Cup Coffeemaker may be programmed to brew coffee up to 24 hours in advance.

To program starting time:


1. Set clock to current time. See "Setting Clock Time" on page 5.
2. Prepare your coffeemaker to brew—including filling the Water Tank and arranging filter and coffee in Filter Basket. See "BREWING COFFEE."

3. Push the "prog" button. The display window will show the last programmed time (or "12:00" if this is the first time you are programming coffeemaker). **NOTE:** If no additional programming button is pressed within 2 seconds after pressing the "prog", "h", or "min" buttons, the display window will return to the current time. 

4. Immediately press the "h" button until the clock shows the hour of your desired start time. Note a.m. and p.m. indicator in display window. Immediately after setting hours, set the minute by pressing the "min" button until the desired minutes show in the display window. 

5. Set your Kenmore Coffeemaker to brew by pressing the "auto" button. The orange Indicator Light above the "auto" button will light. 

CAUTION: Never program the coffeemaker to brew automatically when the Water Tank is empty.

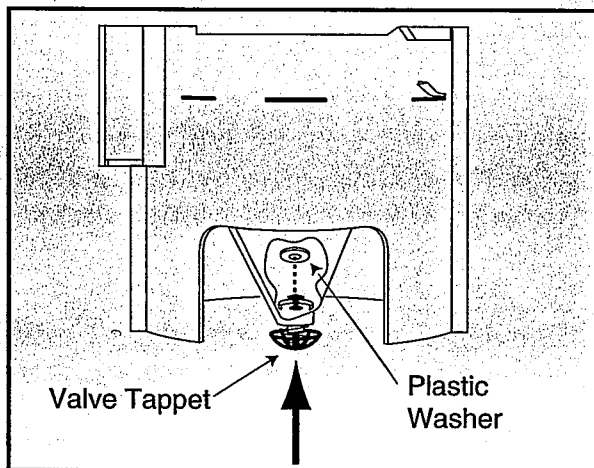
6. When the clock reaches the programmed time, the orange Indicator Light above the "Auto" button will turn off, the red Indicator Light above the ON/OFF button will light, and the brewing process will begin.
7. If you will be using the same time setting for the following day, press "Auto" button after the end of the brewing cycle. 

CARE AND CLEANING

WARNING: To avoid serious injury and electrical shock, you must turn off, unplug, and allow your Kenmore 12-Cup Coffeemaker to cool thoroughly before cleaning.

- Never use harsh or abrasive cleansers or materials, especially those containing alcohol or solvents, to clean your Kenmore 12-Cup Coffeemaker.
- Wipe all exterior surfaces with a soft cloth dampened with water.
- You may remove the Tank Lid by carefully snapping it off the plastic hinge. Remove the Carafe Lid by gently pulling it up and away from the Carafe Handle. To remove Filter Basket, lift up Tank Lid, swing Filter Basket to the right, and lift Filter Basket up and off the hinge that holds it in place.
- You may wash all removable parts of your Kenmore 12-Cup Coffeemaker with warm, soapy water or in the top rack of the dishwasher. Do not allow removable parts to come into contact with dishwasher heating element.
- Allow all parts to dry thoroughly before reassembling your Kenmore 12-Cup Coffeemaker.

To clean the individual components of the Drip-Interrupt Device on Filter Basket:



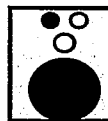
1. Remove Filter Basket. Turn Filter Basket upside down and press the black, basket-shaped Valve Tappet against the Filter Basket bottom.

2. Turn Filter Basket over and carefully pull the white rubber washer over the square end of the Valve Tappet stem. Take care not to bend the Spring. Remove Valve Tappet and Spring from the Filter Basket.
3. Clean Drip-Interrupt parts in warm water.
4. Replace parts on Filter Basket by setting the Spring over the Valve Tappet stem. Reposition the Stem through the bottom of the Filter Basket. Slip the Sealing Washer over the square end of the Valve Tappet Stem inside the Filter Basket. Make sure all parts are securely in place before using your coffeemaker.

DESCALING

We recommend the following steps to prevent scale build-up in your Kenmore 12-Cup Coffeemaker (especially if you have hard water). We recommend descaling once every 3-6 months for this coffeemaker if it is used once or twice a day. Descale immediately if the brewing process slows or if the coffeemaker begins to steam during the brewing cycle.

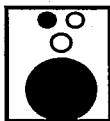
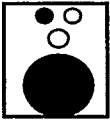
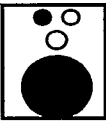
1. Press ON/OFF button to turn machine OFF. Unplug the machine from wall outlet. Allow machine to cool thoroughly before descaling.
2. Using a separate container, mix two tablespoons of citric acid or white vinegar and 16 ounces of **COLD** water. If you choose to use a commercial descaling agent, please follow manufacturer's instructions.
3. Set Carafe, with Carafe Lid in place, on the Hot Plate. Make sure the Filter Basket is in place (do not place a filter into basket) on the coffeemaker.



CAUTION: Make sure Filter Basket is in place when descaling. This will prevent the solution from "splashing" onto the carafe.

CARE AND CLEANING (CONT'D)

DESCALING (cont'd)

4. Lift Tank Lid and pour descaling solution into Water Tank. Close Tank Lid. Allow the solution to sit in the Water Tank for 15 minutes (or the time specified by the instructions included with your commercial descaling agent).
5. After 15 minutes, plug coffeemaker into wall outlet. Press the ON/OFF button to turn machine ON. The solution will flow through the Filter Basket and into the Carafe. 
6. When descaling solution has stopped dripping from Filter Basket, press the ON/OFF button to turn machine OFF. Remove the filled Carafe from the Hot Plate and empty the contents into a sink or other appropriate receptacle. Rinse Carafe, dry it thoroughly, and reposition it on the Hot Plate. 
7. Lift Tank Lid. Remove Filter Basket by swinging it out to the right and lifting it up off the hinge that holds it in place. Rinse Filter Basket thoroughly and replace it into the coffeemaker.
8. Allow your Kenmore 12-Cup Coffeemaker to cool for approximately 5 minutes. Fill the Water Tank with fresh water and close Tank Lid. Press ON/OFF button to turn machine ON. Water will run into Carafe. Once all water has run into Carafe, dispose of water and let the coffeemaker cool for about 5 minutes. Repeat this step once more using fresh water.
9. Press ON/OFF button to turn machine OFF. Your Kenmore 12-Cup Coffeemaker is now properly descaled and ready for use. 

TROUBLESHOOTING

Symptom

Remedy

Grounds in brewed coffee

- Coffee is ground too finely.
- Grounds are on Filter Basket itself.
- Hole in paper filter.
- Too much coffee in filter.
- Filter is incorrect size for your machine.

Coffee is not hot enough

- Descale machine. See "Descaling."