

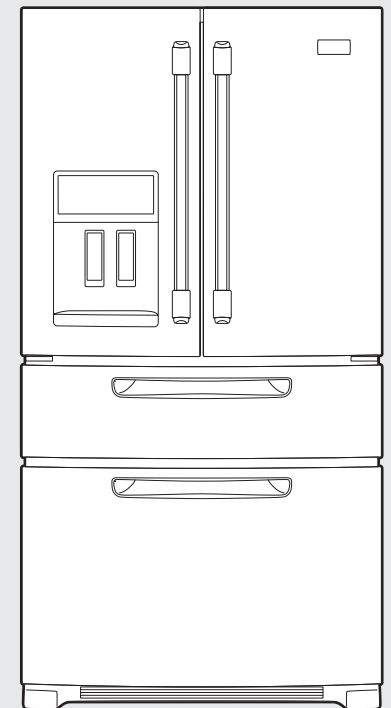


Use & Care MANUAL



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Greenwood, Mississippi 38930 USA
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For product information, call 1-888-VIKING1 (845-4641)
or visit the Viking Web site at vikingrange.com



VIKING | D3

Standard-Depth Freestanding French Door
Bottom-Mount Refrigerator/Freezer

Congratulations

Congratulations and welcome to the elite world of Viking ownership. We hope you will enjoy and appreciate the care and attention we have put into every detail of your new, state-of-the-art refrigerator.

Your Viking appliance is designed to offer years of reliable service. This Use and Care Guide will provide you with the information you need to become familiar with your refrigerator's care and operation.

Your complete satisfaction is our ultimate goal. If you have any questions or comments about this product, please contact the dealer from whom you purchased it, or contact our Consumer Support Center at 1-888-VIKING1.

We appreciate your choice of a Viking refrigerator and hope that you will again select our products for your other major appliance needs.

For more information about the complete and growing selection of Viking products, contact your dealer or visit us online at vikingrange.com

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Refrigerator 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 and others.

All safety messages will follow the safety alert symbol and either the word **"DANGER"** or **"WARNING."**

DANGER

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

WARNING

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

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 Safety Instructions

WARNING: To reduce the risk of fire, electric shock, or injury when using your refrigerator, follow these basic precautions:

- Plug into a grounded 3-prong outlet.
- **DO NOT** remove ground prong.
- **DO NOT** use an adapter.
- **DO NOT** use an extension cord.
- Disconnect power before servicing.
- Replace all parts and panels before operating.
- Remove doors from your old refrigerator.
- Use nonflammable cleaner.
- Keep flammable materials and vapors, such as gasoline, away from refrigerator.
- Use two or more people to move and install refrigerator.
- Disconnect power before installing ice maker (on ice maker kit ready models only).
- Use a sturdy glass when dispensing ice (on some models).

SAVE THESE INSTRUCTIONS

Proper Disposal (of old refrigerator)

⚠ WARNING

Suffocation Hazard

Remove doors from your old refrigerator.

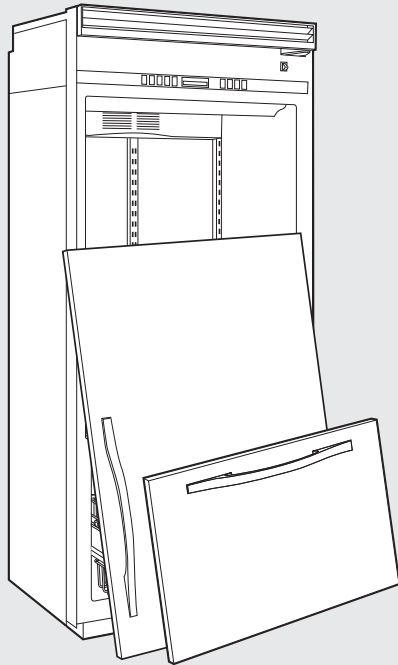
Failure to do so can result in death or brain damage.

IMPORTANT:

Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerators are still dangerous—even if they will sit for “just a few days”. If you are getting rid of your old refrigerator, please follow these instructions to help avoid accidents.

Before You Throw Away Your Old Refrigerator or Freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.



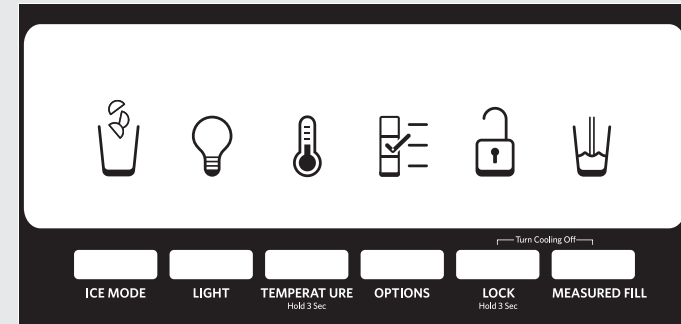
Using the Controls

The refrigerator and freezer controls are located on the dispenser panel.

IMPORTANT:

The display screen on the dispenser control panel will turn **OFF** automatically and enter “sleep” mode when the control buttons and dispenser levers have not been used for 2 minutes or more. While in “sleep” mode, the first press of a control button will only reactivate the display screen, without changing any settings. After reactivation, changes to any settings can then be made. If no changes are made within 2 minutes, the display will re-enter “sleep” mode.

- Touch any control button on the dispenser panel to activate the display screen. The home screen will appear as shown.



Adjusting the Controls

For your convenience, your refrigerator and freezer controls are preset at the factory. When you first install your refrigerator, make sure that the controls are still set to the “mid-settings.” The factory recommended set points are 38°F (3°C) for the refrigerator and 0°F (-18°C) for the freezer.

IMPORTANT:

- Wait 24 hours before you put food into the refrigerator. If you add food before the refrigerator has cooled completely, your food may spoil.

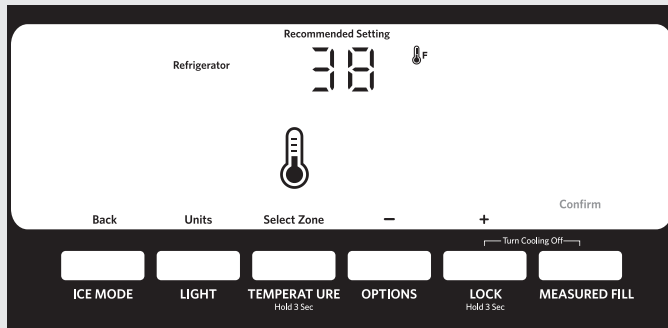
NOTE: *Adjusting the set points to a colder than recommended setting will not cool the compartments any faster.*

- If the temperature is too warm or too cold in the refrigerator or freezer, first check the air vents to be sure they are not blocked before adjusting the controls.

Using the Controls (cont.)

- The preset temperatures should be correct for normal household usage. The controls are set correctly when milk or juice is as cold as you like and when ice cream is firm.
- Wait at least 24 hours between adjustments. Re-check the temperatures before other adjustments are made.

To view and adjust the set points, press and hold the TEMPERATURE button for 3 seconds. When adjust mode is activated, adjusting information will appear on the display screen.



NOTE: To view Celsius temperatures, press the LIGHT button when adjust mode is activated. To return the display setting to Fahrenheit, press LIGHT again.

- When adjust mode is activated, the display screen shows the refrigerator set point and "REFRIGERATOR" appears.
- Press LOCK to raise the set point, or press OPTIONS to lower the set point.
- When you have finished viewing (and adjusting if desired) the refrigerator set point, press TEMPERATURE to change the display to show the freezer set point. When the zone has been changed, "FREEZER" appears on the display screen.
- Press LOCK to raise the set point, or press OPTIONS to lower the set point.
- When you have finished viewing (and adjusting if desired) both the refrigerator and freezer set points, press MEASURED FILL to save the settings.

NOTE: To exit without saving changes, press ICE MODE at any time while in adjust mode, or allow about 60 seconds of inactivity and adjust mode will turn off automatically.

Using the Control (cont.)

When adjusting temperature set points, use the following chart as a guide.

Condition	Temperature Adjustment
Refrigerator too cold	Refrigerator setting 1° higher
Refrigerator too warm	Refrigerator setting 1° lower
Freezer too cold	Freezer setting 1° higher
Freezer too warm/too little ice	Freezer setting 1° lower

The set point range for the refrigerator is 33°F to 45°F (0°C to 7°C). The set point range for the freezer is -5°F to 5°F (-21°C to -15°C).

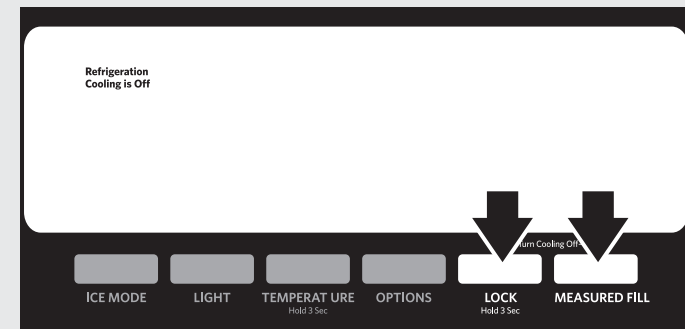
Cooling On/Off

Your refrigerator and freezer will not cool when cooling is turned off.

- To turn cooling off, press and hold the LOCK and MEASURED FILL buttons at the same time for 3 seconds.

IMPORTANT: To avoid unintentionally locking the dispenser or changing other settings, be sure to press both buttons at exactly the same time

When cooling is off, "Refrigeration Cooling is Off" will appear on the display screen as shown.



- Press and hold LOCK and MEASURED FILL together for 3 seconds again to turn cooling back on.

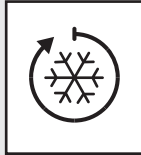
Using the Controls (cont.)

Additional Features

Max Cool

The Max Cool feature assists with periods of high refrigerator use, full grocery loads, or temporarily warm room temperatures.

- To turn on the Max Cool feature, press the OPTIONS button to enter Options mode, then press OPTIONS again to activate the feature. When the feature is on, the Max Cool icon will appear on the dispenser display screen. The Max Cool feature will remain on for 24 hours unless manually turned off.
- To manually turn off the Max Cool feature, press the OPTIONS button to enter Options mode (unless you are already in Options mode), then press OPTIONS again. When the feature has been turned off, the Max Cool icon will disappear on the dispenser display.



NOTE: Setting the freezer to a colder temperature may make some foods, such as ice cream, harder.

Sabbath Mode

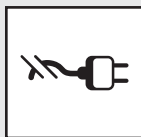
Sabbath Mode is designed for those whose religious observances require turning off the lights and dispensers.

In Sabbath Mode, the temperature set points remain unchanged, but the interior and dispenser lights turn off, all sounds and alarms are disabled, the dispenser display screen backlight turns off, and the dispenser levers are disabled. The ice maker is also disabled; however, the "Ice Maker Off" icon will not appear in the display.

- To turn on Sabbath Mode, press and hold LIGHT and OPTIONS at the same time for 3 seconds. When the feature turns on, "Sabbath Mode" will appear on the dispenser display.
- To turn off Sabbath Mode, press and hold LIGHT and OPTIONS at the same time for 3 seconds again. The screen will display the settings as they were before Sabbath Mode was turned on. The Max Cool feature, however, will remain off until it is selected again.

Power Outage Indicator

The power outage indicator lets you know if the power supply to the refrigerator has been cut off and the freezer temperature has risen to 18°F (-8°C) or higher. When power has been restored, "PO" repeatedly flashes on the display screen and the red Power Outage icon appears.



Using the Controls (cont.)

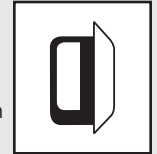
Power Outage Indicator (cont.)

When the indicator is on, all other control and dispenser functions are disabled until you confirm that you are aware of the power outage.

- To enable other functions, press MEASURED FILL to reset the display screen to its normal status.

Door Ajar Alarm

The Door Ajar Alarm feature sounds an alarm when the refrigerator or freezer door is open for 5 minutes and the product cooling is turned on. The alarm will repeat every 2 minutes. Close both doors to turn it off. The feature then resets and will reactivate when either door is left open again for 5 minutes.



NOTE: To mute the audible alarm while keeping the doors open, such as while cleaning the inside of the refrigerator, press any button on the control panel. The alarm sound will be temporarily turned off, but the Door Ajar icon will still be displayed on the dispenser control panel.

Disabling Sounds

- To turn off all control and dispenser sounds, press and hold ICE and MEASURED FILL at the same time for 3 seconds.
- To turn all sounds back on, press and hold ICE and MEASURED FILL at the same time for 3 seconds again.

Water Filter Status Light and Filter Reset

The filter reset control allows you to restart the water filter status tracking feature each time you replace the water filter. See "Water Filtration System."

- After changing the water filter, reset the status light. Press the OPTIONS button to enter Options mode, then press LOCK to initiate the reset, then press MEASURED FILL to confirm that you want to reset the status light. When the system is reset, the "ORDER" and "REPLACE" icons will disappear from the display screen.

Adjustable Humidity Zone and Adjustable Cold Zone

Adjustable Humidity Zone™

You can control the amount of humidity in the Adjustable Humidity Zone drawer. Adjust the control to any setting between **LOW** and **HIGH**. **LOW** (open) for best storage of fruits and vegetables with skins. **HIGH** (closed) for best storage of fresh, leafy vegetables.

Adjustable Cold Zone™

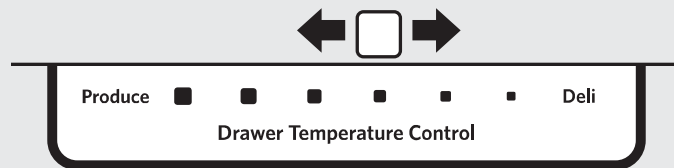
The refrigerator drawer holds more fresh food in more ways than ever before, and is ideal for storing popular food items that need to be readily accessible. In addition the drawer's location allows children to serve themselves from the refrigerator.

Use the full-width drawer to store large party platters or deli trays, or use a drawer organizer to store smaller items such as yogurt, juice boxes and lunch meat within easy access.

To Adjust the Temperature Control:

The refrigerated drawer has a separate temperature control which regulates only the temperature of the drawer. The temperature control regulates how much refrigerated air is allowed to circulate into the drawer. Adjusting the control allows more or less air to circulate.

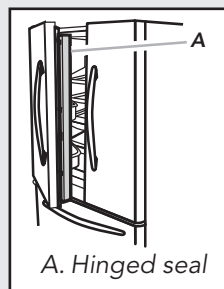
- Slide the control toward Produce for less cold air and toward Deli for more cold air.



Opening and Closing Doors

There are two refrigerator compartment doors. The doors can be opened and closed either separately or together. There is a vertically-hinged seal on the left refrigerator door.

- When the left side door is opened, the hinged seal automatically folds inward so that it is out of the way.
- When both doors are closed, the hinged seal automatically forms a seal between the two doors.



Ice Maker and Ice Storage Bin

IMPORTANT: Flush the water system before turning on the ice maker. See "Water and Ice Dispensers" section.

Turning the Ice Maker On/Off

The ice maker has an automatic shutoff. When the ice maker is on, sensors will automatically stop ice production when the storage bin is full. The ice maker will remain set to **ON**, and ice production will resume when the bin is no longer full.

To manually turn off the ice maker:

Press **OPTIONS** to display the **OPTIONS** screen. Pressing **ICE MAKER**, if the ice maker is currently on, will turn off the ice maker. The "Ice Maker Off" icon will flash three times and then stay lit. When the ice maker is set to **OFF**, it will stop producing ice.

Pressing **ICE MAKER**, if the ice maker is currently off, turns on the ice maker. The "Ice Maker Off" icon will disappear.

Removing and Replacing Ice Storage Bin

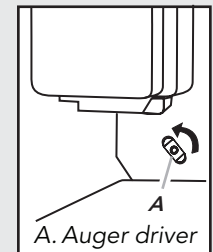
To Remove the Ice Storage Bin:

1. Hold the base of the storage bin and press the release button.
2. Pull out the storage bin.

To Replace the Ice Storage Bin:

IMPORTANT: It may be necessary to turn the auger driver, behind the ice bin, counterclockwise to properly align the ice bin with the auger driver. The ice storage bin must be locked in place for proper ice dispensing.

1. Slide the ice bin into the guide rails located on either side of the enclosure.
2. Push the ice bin in until resistance is felt. Raise the front slightly and push the ice bin in until an audible "click" is heard.



Ice Production Rate

- Allow 24 hours to produce the first batch of ice. Discard the first three batches of ice produced.
- The ice maker should produce approximately 8 to 12 batches of ice in a 24-hour period.
- To increase ice production, lower the freezer and refrigerator temperature. See "Using the Controls." Wait 24 hours between adjustments.

NOTE: Setting the freezer to a colder temperature may make some foods, such as ice cream, harder.

Ice Maker and Ice Storage Bin (cont.)

Remember

- The quality of your ice will be only as good as the quality of the water supplied to the ice maker. **AVOID** connecting the ice maker to a softened water supply. Water softener chemicals (such as salt) can damage parts of the ice maker and lead to poor quality ice. If a softened water supply cannot be avoided, make sure the water softener is operating properly and is well maintained.
- **DO NOT** use anything sharp to break up the ice in the bin. This can cause damage to the ice bin and dispenser mechanism.
- **DO NOT** store anything on top of the ice maker or in the ice storage bin.

Water and Ice Dispensers

IMPORTANT:

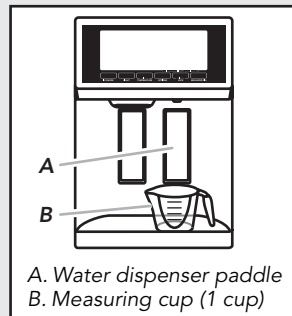
- After connecting the refrigerator to a water source or replacing the water filter, flush the water system. Use a sturdy container to depress and hold the water dispenser lever for 5 seconds, then release it for 5 seconds. Repeat until water begins to flow. Once water begins to flow, continue depressing and releasing the dispenser paddle (5 seconds on, 5 seconds off) until a total of 4 gal. (15 L) has been dispensed. This will flush air from the filter and water dispensing system, and prepare the water filter for use. Additional flushing may be required in some households. As air is cleared from the system, water may spurt out of the dispenser.
- Allow 24 hours for the refrigerator to cool down and chill water.
- The dispensing system will not operate when refrigerator door is open.

Calibrate Measured Fill

Low water pressure may affect the accuracy of the Measured Fill feature. So, for optimum performance of your water dispenser, you must first calibrate Measured Fill.

IMPORTANT: Flush the water system before calibrating Measured Fill.

1. Place a sturdy measuring cup (1 cup size) on the dispenser tray centered in front of the water dispenser paddle.

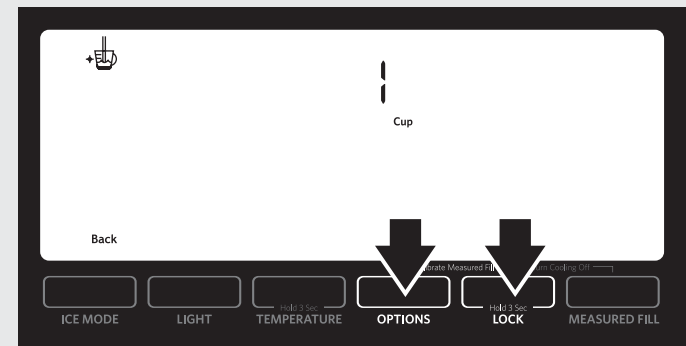


Water and Ice Dispensers (cont.)

2. Press and hold the OPTIONS and LOCK buttons at the same time for 3 seconds. The words "Back" and "1 Cup" will appear on the display screen. Also, the Calibrate Measured Fill icon will illuminate and remain lit while the Measured Fill feature is being calibrated.



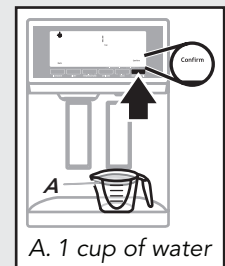
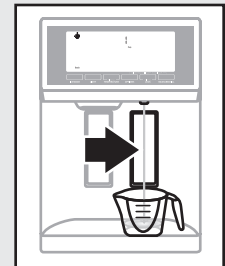
NOTE: You may press the ICE MODE button under the word "Back" at any time to exit calibration mode. The Calibrate Measured Fill icon will turn off.



3. Press and release the water dispenser paddle, as needed, to dispense water to the 1 cup fill line.

NOTE: If overfilling or spilling occurs, discard the water and press "Back" to restart the calibration process.

4. When 1 cup of water has been correctly dispensed into the measuring cup, press the MEASURED FILL button under the word "Confirm" to confirm the calibration.
5. When Measured Fill calibration has been confirmed the icons will disappear and the display will return to the home screen.



Water and Ice Dispensers (cont.)

The Water Dispenser

IMPORTANT: Dispense at least 1 qt (1 L) of water every week to maintain a fresh supply.

To Dispense Water (Standard):

1. Press a sturdy glass against the water dispenser lever.

NOTE: While dispensing water and for 3 seconds after dispensing has stopped, the digital display will show how much water has been dispensed.

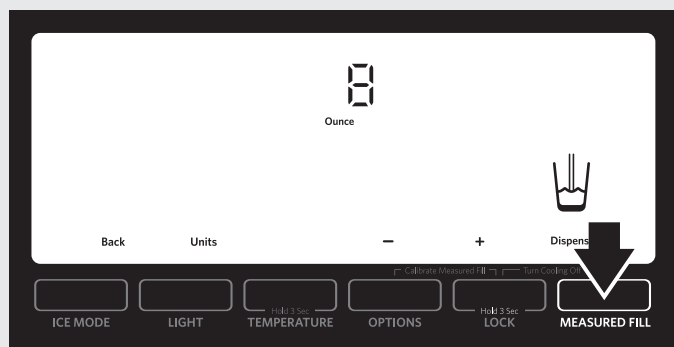
2. Remove the glass to stop dispensing.

To Dispense Water (Measured Fill):

Measured Fill allows you to dispense a specified amount of water with the touch of a few buttons.

NOTE: The amount of water you select will be dispensed. Be sure that the container is empty and can hold the entire volume. If ice is in the container, you may need to adjust your selection.

1. Press MEASURED FILL to turn the feature on. When the feature is on, the Measured Fill screen appears on the display.



Press ICE MODE to manually turn off the Measured Fill feature.

NOTE: The dispenser will automatically turn off Measured Fill after 1 minute of inactivity. When Measured Fill is turned off, any changes you have made will be lost and all defaults will be restored.

Water and Ice Dispensers (cont.)

2. You can dispense water by the ounce, cup, or liter. The default unit is ounces. To switch to cups or liters, press the LIGHT button. Default, minimum, and maximum volumes are listed below.

Units	Default	Minimum	Maximum
Ounces	8	1	28
Cups	1	1/4	16
Liters	0.25	0.05	4.00

3. Press the LOCK and OPTIONS buttons to adjust the volume as desired. The LOCK button increases the volume, and the OPTIONS button lowers the volume.

NOTE: Most coffee cups (commonly 4 to 6 oz [118 to 177 mL] per cup) are not the same size as a measuring cup (8 oz [237 mL]). You may need to adjust the volume to avoid unintentionally overfilling coffee cups.

4. To dispense water, press a sturdy glass against the water dispenser lever OR place the glass below the water dispenser and press the MEASURED FILL button.

NOTE: While dispensing water, the digital display will count down how much water remains to be dispensed, according to the volume you selected. The flow of water will automatically stop once the desired volume has been dispensed.

5. To stop dispensing before the selected volume has been dispensed, remove the glass from the dispenser lever OR press the MEASURED FILL button a second time.

NOTE: If you stop dispensing before the desired volume has been dispensed, the digital display will continue to show how much water remains to be dispensed. The display will turn off after 1 minute of inactivity.

- To select a new volume or start dispensing the same volume again, you must first finish dispensing the selected volume, or turn off the Measured Fill feature (either by waiting 1 minute so it will automatically turn off or by pressing ICE MODE to manually turn it off) and then turn it back on.

Water and Ice Dispensers (cont.)

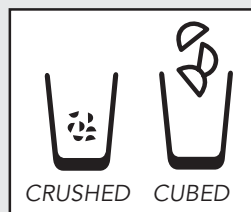
The Ice Dispenser

Ice dispenses from the ice maker storage bin in the freezer when the dispenser lever is pressed. To turn off the ice maker, see "Ice Maker and Storage Bin."

Your ice maker can produce both crushed and cubed ice. Before dispensing ice, select which type of ice you prefer by pressing the ICE MODE button.

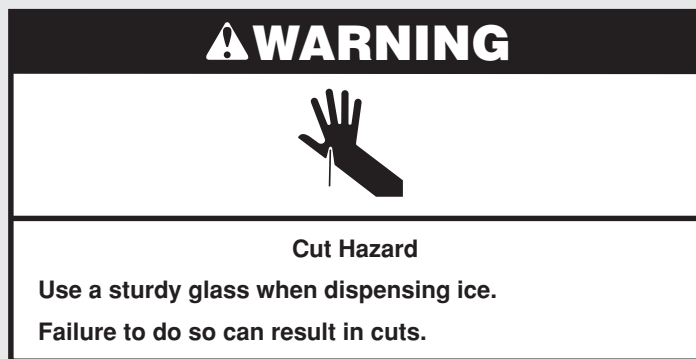
The display screen indicates which type of ice is selected.

For crushed ice, cubes are crushed before being dispensed. This may cause a slight delay when dispensing crushed ice. Noise from the ice crusher is normal, and pieces of ice may vary in size. When changing from crushed to cubed, a few ounces of crushed ice will be dispensed along with the first cubes.



To Dispense Ice:

1. Make sure the desired type of ice is selected. To switch between cubed and crushed, press ICE MODE.



2. Press a sturdy glass against the ice dispenser lever. Hold the glass close to the dispenser opening so ice does not fall outside of the glass.

IMPORTANT: You do not need to apply a lot of pressure to the lever in order to activate the ice dispenser. Pressing hard will not make the ice dispense faster or in greater quantities.

Water and Ice Dispensers (cont.)

To Dispense Ice (cont.):

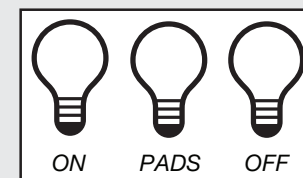
3. Remove the glass to stop dispensing.

NOTE: Ice may continue to dispense for several seconds after removing the glass from the lever. The dispenser may continue to make noise for a few seconds after dispensing.

Dispenser Light and Dispenser Lock

The Dispenser Light

When you use the dispenser, the light will automatically turn on. If you want the light to be on continuously, you may choose either **ON** or **PADS**. The display screen indicates which mode is selected.

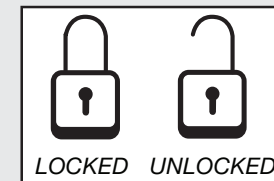


- **ON:** Press LIGHT to turn on the dispenser light and the light behind the dispenser paddles.
- **PADS:** Press LIGHT a second time to select Pads mode. The dispenser light will turn off, but the light behind the dispenser paddles will remain on.
- **OFF:** Press LIGHT a third time to turn off the dispenser light.

The dispenser lights are LEDs that cannot be changed. If it appears that your dispenser lights are not working, see "Troubleshooting" for more information.

The Dispenser Lock

The dispenser can be turned off for easy cleaning or to avoid unintentional dispensing by small children and pets.



NOTE: The lock feature does not shut off power to the refrigerator, to the ice maker, or to the dispenser light. It simply deactivates the controls and dispenser levers. To turn off the ice maker, see "Ice Maker and Storage Bin."

- Press and hold LOCK for 3 seconds to lock the dispenser.
- Press and hold LOCK a second time to unlock the dispenser.

The display screen indicates when the dispenser is locked.

Water Filtration System

The water filter is located in the upper right-hand corner of the refrigerator compartment.

Note: DO NOT use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Water Filter Status

When a water filter has been installed in the refrigerator, the water filter status lights help you know when to change your water filter.

- The water filter status icon will change from “Good” to “Order Filter” when 90% of the volume of water for which the filter is rated has passed through the filter OR 5 months have passed since the filter was installed.
- The “Replace Water Filter” icon will illuminate and blink continuously during dispensing when the rated volume of water has passed through the filter OR 6 months have passed since the filter was installed. A new water filter should be installed immediately when the Replace light is illuminated.
- After 14 days at Replace Filter stage, the “Replace Filter” and “water” icons will glow at all times and blink continuously during dispensing. Also, an alert chime will sound three times following dispensing.

The disposable water filter should be replaced at least every 6 months. If the water flow to the water dispenser or ice maker decreases noticeably before 6 months have passed, replace the water filter more often.

Reset Water Filter Status

After changing the water filter, reset the status light. Press the OPTIONS button to enter Options mode, then press LOCK to initiate the reset, then press MEASURED FILL to confirm that you want to reset the status light. When the system is reset, the “ORDER” and “REPLACE” icons will disappear from the display screen.

Water Filtration System (cont.)

Replacing the Water Filter

Replacement water filters are available through your local Viking Range Dealer. You may also order filters by calling 1-888-845-4641 or online at vikingrange.com

IMPORTANT: Air trapped in the water system may cause water and filter to eject. **ALWAYS** dispense water for at least 2 minutes before removing the filter or blue bypass cap.

1. Turn filter counterclockwise to remove.
2. Remove sealing label from replacement filter and insert the filter end into the filter head.
3. Turn the filter clockwise until it stops. Snap the filter cover closed.
4. Flush the water system. See “Water Dispenser” section.

Note: The dispenser feature may be used without a water filter installed. Your water will not be filtered. If this option is chosen, replace the filter with the blue bypass cap.

Refrigerator Water Filter Cartridge Model RWFFR

Specifications

Service Flow Rate (Maximum).....	0.78 GPM (2.9 L/min)
Rated Service Life RWFFR (750 gal. Max)	750 gal./2838 liters
Maximum Operating Temperature	100°F/38°C
Minimum Pressure Requirement	35 psi/241 kPA
Minimum Operating Temperature.....	33°F/1°C
Maximum Operating Pressure.....	120 psi/827 kPA



Tested and certified by NSF International against ANSI/NSF Standards 42 & 53 in models RWFFR for the reduction of:

Standard No. 42 Aesthetic Effects: Taste and Odor Reduction Chlorine Taste & Odor Mechanical Filtration Unit Particulate Reduction Class I	Standard No. 53 Health Effects: Chemical Reduction Unit Lead, Atrazine, Lindane, Benzene, Carbofuran, p-Dichlorobenzene, Mercury, & Toxaphene Reduction Mechanical Filtration Unit Cyst, Turbidity & Asbestos Reduction
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Water Filtration System (cont.)

General Use Conditions

Read this Performance Data Sheet and compare the capabilities of this refrigerator with your actual water treatment needs. **DO NOT** use this product where water is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. System certified for cyst reduction may be used on disinfected water that may contain filterable cysts. **USE ONLY WITH COLD WATER SUPPLY. CHECK FOR COMPLIANCE WITH THE STATE AND LOCAL LAWS AND REGULATIONS.**

The retractable water filtration system uses a RWFFR replacement cartridge. Timely replacement of filter cartridge is essential for performance satisfaction from this filtration system. Please refer to the applicable section of your Use & Care Guide for general operation, maintenance requirements and troubleshooting.

This system has been tested according to ANSI/NSF 42 and 53 for reduction of the substance listed above. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in ANSI/NSF 42 and 53.

Water Filter

Standard No. 42: Aesthetic Effects

Parameter	USEPA MCL	Influent Challenge Concentration	Influent Average	Effluent		% Reduction		Min. Required Reduction
				Avg.	Max.	Avg.	Min.	
Chlorine	—	2.0 mg/L + 10%	1.88 mg/L	<0.051363 mg/L	0.06 mg/L	>97.26%	96.84%	50%
T & O	—	—	—	—	—	—	—	—
Particulate**	—	at least 10,000 particles/ml	57,000,000 #/ml	30,583 #/ml	69,000 #/ml	99.52%	98.94%	85%

Standard No. 53: Health Effects

Parameter	USEPA MCL	Influent Challenge Concentration	Influent Average	Effluent		% Reduction		Min. Required Reduction
				Avg.	Max.	Avg.	Min.	
Turbidity	1NTU**	11 + 1 NTU***	10.7 NTU	.031 NTU	0.49 NTU	97.09%	95.20%	0.5NTU
Cysts	99.5% Red	Minimum 50,000/L	166,500 #/L	L <1 #/L	<1 #/L	>99.99%	>99.99%	>99.95%
Asbestos	99% Red	107 108 fibers/L; fibers >10 micrometers in length	155 MF/L	<1 MF/L	<1 MF/L	>99.99%	>99.99%	99%
Lead at pH 6.5	0.015 mg/L	0.15 mg/L + 10%	0.153 mg/L	<0.001 mg/L	<0.001 mg/L	>99.35%	>99.29%	0.10 mg/L
Lead at pH 8.5	0.015 mg/L	0.15 mg/L + 10%	0.150 mg/L	<0.001 mg/L	<0.001 mg/L	>99.33%	>99.29%	0.10 mg/L
Mercury at pH 6.5	0.002 mg/L	0.06 mg/L + 10%	0.006 mg/L	<0.003 mg/L	<0.005 mg/L	95.70%	90.91%	0.002 mg/L
Mercury at pH 8.5	0.002 mg/L	0.06 mg/L + 10%	0.006 mg/L	<0.008 mg/L	<0.015 mg/L	86.22%	75.93%	0.002 mg/L
Atrazine	0.003 mg/L	0.09 mg/L + 10%	0.009 mg/L	<0.002 mg/L	<0.002 mg/L	76.99%	75.31%	0.003 mg/L
Benzene	0.005 mg/L	0.15 mg/L + 10%	0.014 mg/L	<0.006 mg/L	<0.011 mg/L	95.71%	92.14%	0.005 mg/L
Carbofuran	0.04 mg/L	0.08 mg/L + 10%	0.081 mg/L	<0.001 mg/L	<0.001 mg/L	98.74%	98.46%	0.04 mg/L
p-Dichlorobenzene	0.075 mg/L	0.225 mg/L + 10%	0.208 mg/L	<0.005 mg/L	<0.005 mg/L	99.76%	99.74%	0.075 mg/L
Lindane	0.0002 mg/L	0.002 mg/L + 10%	0.002 mg/L	<0.000 mg/L	<0.001 mg/L	98.72%	96.50%	0.0002 mg/L
Toxaphene	0.003 mg/L	0.15 mg/L + 10%	0.015 mg/L	<0.001 mg/L	<0.001 mg/L	92.97%	91.67%	0.003 mg/L

*Tested using a flow rate of 0.78 gpm; pressure of 60psig; pH of 7.5 + 0.5; temp of 68° + 5°F (20° + 3°C).

**Measurement in Particles/ml. Particles used were 0.5 - 1 microns

***NTU - Nephelometric Turbidity Units

Water Filter Certifications

State of California
Department of Public Health
Water Treatment Device
Certificate Number
06-1790
Date Issued: June 1, 2011

Trademark/Model Designation Viking, RWFFR-750	Replacement Elements RWFFR
Manufacturer: 3M Purification Inc.	

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity Cysts Turbidity	Inorganic/Radiological Contaminants Asbestos Lead Mercury
Organic Contaminants Atrazine Benzene Carbofuran Lindane p-Dichlorobenzene Toxaphene	

Rated Service Capacity: 750 gals	Rated Service Flow: 0.78 gpm
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Conditions of Certification:
Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

Cleaning

⚠ WARNING



Explosion Hazard

Use nonflammable cleaner.

Failure to do so can result in death, explosion, or fire.

Both the refrigerator and freezer sections defrost automatically. However, clean both sections about once a month to avoid odor buildup. Wipe up spills immediately.

IMPORTANT:

- Because air circulates between both sections, any odors formed in one section will transfer to the other. You must thoroughly clean both sections to eliminate odors. To avoid odor transfer and drying out of food, wrap or cover foods tightly.
- **DO NOT** use abrasive or harsh cleaners such as window sprays, scouring cleansers, flammable fluids, cleaning waxes, concentrated detergents, nail polish remover, bleaches or cleansers containing petroleum products. **DO NOT** use paper towels, scouring pads, or other harsh cleaning tools that may scratch or damage the materials.

Clean the Interior

1. Unplug refrigerator or disconnect power.
2. Using a clean sponge or soft cloth and a mild detergent in warm water, hand wash, rinse, and dry removable parts and interior surfaces thoroughly.
3. Plug in refrigerator or reconnect power.

Cleaning (cont.)

Clean the Touch Screen Display on the Dispenser Panel

1. Make sure the refrigerator is unplugged or the power is disconnected before wiping the screen, to avoid unintentionally changing the settings.
2. Mix a solution of mild detergent in warm water. Dampen a soft, lint-free cloth with the solution and gently wipe the screen.

NOTE: *DO NOT* spray or wipe liquids directly onto the screen, or over-saturate the cloth.

3. Plug in refrigerator or reconnect power.

Clean the Exterior Surfaces

1. Unplug refrigerator or disconnect power.
 2. Using a clean sponge or soft cloth and a mild detergent in warm water, wash, rinse and thoroughly dry stainless steel and painted metal exteriors.
- To keep your stainless steel refrigerator looking like new and to remove minor scuffs or marks, it is suggested that you use stainless steel cleaner and polish.

IMPORTANT: This cleaner is for stainless steel parts only.

DO NOT allow the stainless steel cleaner and polish to come into contact with any plastic parts such as the trim pieces, dispenser covers or door gaskets. If unintentional contact does occur, clean plastic part with a sponge and mild detergent in warm water. Dry thoroughly with a soft cloth.

3. Plug in refrigerator or reconnect power.

Clean the Condenser

There is no need for routine condenser cleaning in normal home operating environments. If the environment is particularly greasy or dusty, or there is significant pet traffic in the home, the condenser should be cleaned every 2 to 3 months to ensure maximum efficiency.

To clean the condenser:

1. Unplug refrigerator or disconnect power.
2. Remove the base grille.
3. Use a vacuum cleaner with a soft brush to clean the grille, the open areas behind the grille and the front surface area of the condenser.
4. Replace the base grille when finished.
5. Plug in refrigerator or reconnect power.

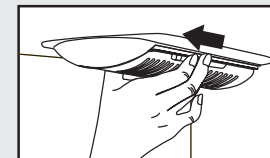
Changing the Light Bulb

NOTE: *Not all appliance bulbs will fit your refrigerator. Be sure to replace the bulb with an appliance bulb of the same size, shape, and wattage (no greater than 40 watts).*

- The dispenser lights and refrigerator compartment lights are LEDs that cannot be changed.

To Replace the Appliance Bulb in the Freezer:

1. Unplug refrigerator or disconnect power.
2. Remove the light shield(s), if necessary.
 - Squeeze both sides of the light shield while pulling downward to remove.
3. Replace burned-out bulb(s) with appliance light bulb(s) no greater than 40 watts.
4. Replace the light shield(s) by inserting the tabs on the shield into the liner holes and snap into place.




NOTE: *To avoid damaging the light shield, DO NOT* force the shield beyond the locking point.

5. Plug in refrigerator or reconnect power.

Troubleshooting

⚠ 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.

Refrigerator Operation

Problem	Cause	Solution
The refrigerator will not operate	Power cord unplugged? Is outlet working? Household fuse blown or circuit breaker tripped? Are controls on? New installation?	Plug into a grounded 3-prong outlet. Plug in a lamp to see if the outlet is working. Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician. Make sure the refrigerator controls are on. See "Using the Controls". Allow 24 hours following installation for the refrigerator to cool completely. Note: Adjusting the temperature controls to coldest setting will not cool either compartment more quickly.
The motor seems to run too much	Normal operation	Your new refrigerator may run longer than your old one due to its high-efficiency compressor and fans. The refrigerator may run even longer if the room is warm, a large food load is added, doors are opened often, or if the doors have been left open.

Troubleshooting (cont.)

Refrigerator Operation

Problem	Cause	Solution
The refrigerator seems noisy	Refrigerator noise has been reduced over the years. Due to this reduction, you may hear intermittent noises from your new refrigerator that you did not notice from your old model. Listed on the right are some normal sounds with explanations.	Buzzing—heard when the water valve opens to fill the ice maker Pulsating—fans/compressor adjusting to optimize performance Hissing/Rattling—flow of refrigerant, movement of water lines, or from items placed on top of the refrigerator Sizzling/Gurgling—water dripping on the heater during defrost cycle Popping—contraction/expansion of inside walls, especially during initial cool-down Water running—may be heard when water melts during the defrost cycle and runs into the drain pan Creaking/Cracking—occurs as ice is being ejected from the ice maker mold.
The doors will not close completely	Door blocked open? Bin or shelf in the way?	Move food packages away from door. Push bin or shelf back in the correct position.

⚠ WARNING



Explosion Hazard

Use nonflammable cleaner.

Failure to do so can result in death, explosion, or fire.

Problem	Cause	Solution
The doors are difficult to open	Gaskets dirty or sticky?	Clean gaskets and contact surfaces with mild soap and warm water. Rinse and dry with soft cloth.

Troubleshooting (cont.)

Temperature and Moisture

Problem	Cause	Solution
Temperature is too warm	<p>New installation?</p> <p>Door(s) opened often or left open?</p> <p>Large load of food added?</p> <p>Controls set correctly for the surrounding conditions?</p>	<p>Allow 24 hours following installation for the refrigerator to cool completely.</p> <p>Allows warm air to enter refrigerator. Minimize door openings and keep doors fully closed.</p> <p>Allow several hours for refrigerator to return to normal temperature.</p> <p>Adjust the controls a setting colder. Check temperature in 24 hours. See "Using the Controls".</p>
Temperature is too cold	<p>Refrigerator air vent blocked?</p> <p>Ice storage bin in correct position?</p> <p>Controls set correctly for the surrounding conditions?</p>	<p>If the air vent located in the top, left, rear corner of the refrigerator compartment is blocked by items placed directly in front of it, the refrigerator will get too cold. Move items away from the air vent.</p> <p>See "Ice Maker and Ice Storage Bin."</p> <p>Adjust the controls a setting warmer. Check temperature in 24 hours. See "Using the Controls."</p>
<p>There is interior moisture buildup</p> <p>Note: Some moisture buildup is normal.</p>	<p>High humidity?</p> <p>Door(s) left open?</p>	<p>Minimize door openings and keep door(s) fully closed.</p> <p>Keep door(s) fully closed.</p>


Troubleshooting (cont.)

Ice and Water

Problem	Cause	Solution
The ice maker is not producing ice or not enough ice	<p>Refrigerator connected to a water supply and the supply shutoff valve turned on?</p> <p>Kink in the water source line?</p> <p>Ice maker turned on?</p> <p>New installation?</p> <p>Refrigerator door closed completely?</p> <p>Large amount of ice recently removed?</p> <p>Ice cube jammed in the ice maker ejector arm?</p> <p>Water filter installed on the refrigerator?</p> <p>Reverse osmosis water filtration system connected to your cold water supply?</p>	<p>Connect refrigerator to water supply and turn water shutoff valve fully open.</p> <p>A kink in the line can reduce water flow. Straighten the water source line.</p> <p>Make sure wire shutoff arm or switch (depending on model) is in the ON position.</p> <p>Wait 24 hours after ice maker installation for ice production to begin. Wait 72 hours for full ice production.</p> <p>Firmly close the refrigerator compartment door. If the freezer compartment door will not close all the way, see "The doors will not close completely".</p> <p>Allow 24 hours for ice maker to produce more ice.</p> <p>Remove ice from the ejector arm with a plastic utensil.</p> <p>Remove filter and operate ice maker. If ice volume improves, then the filter may be clogged or incorrectly installed. Replace filter or reinstall it correctly.</p> <p>This can decrease water pressure. See "Water Supply Requirements".</p>
<p>The ice cubes are hollow or small</p> <p>Note: This is an indication of low water pressure.</p>	<p>Water shutoff valve not fully open?</p> <p>Kink in the water source line?</p> <p>Water filter installed on the refrigerator?</p> <p>Reverse osmosis water filtration system connected to your cold water supply?</p>	<p>Turn the water shutoff valve fully open.</p> <p>A kink in the line can reduce water flow. Straighten the water source line.</p> <p>Remove filter and operate ice maker. If ice quality improves, then the filter may be clogged or incorrectly installed. Replace filter or reinstall it correctly.</p> <p>This can decrease water pressure. See "Water Supply Requirements".</p>

Troubleshooting (cont.)

⚠ WARNING



Cut Hazard

Use a sturdy glass when dispensing ice.

Failure to do so can result in cuts.

Ice and Water

Problem	Cause	Solution
Off-taste, odor or gray color in the ice	<p>New plumbing connections?</p> <p>Ice stored too long?</p> <p>Odor transfer from food?</p> <p>Are there minerals (such as sulfur) in the water?</p> <p>Water filter installed on the refrigerator?</p>	<p>New plumbing connections can cause discolored or off-flavored ice.</p> <p>Discard ice. Wash ice bin. Allow 24 hours for ice maker to make new ice.</p> <p>Use airtight, moisture proof packaging to store food.</p> <p>A water filter may need to be installed to remove the minerals.</p> <p>Gray or dark discoloration in ice indicates that the water filtration system needs additional flushing. Flush the water system before using a new water filter. Replace water filter when indicated. See "Water Filtration System".</p>
The water and ice dispenser will not operate properly	<p>Refrigerator connected to a water supply and the supply shutoff valve turned on?</p> <p>Kink in the water source line?</p> <p>New installation?</p> <p>Is the water pressure at least 35 psi (241 kPa)?</p>	<p>Connect refrigerator to water supply and turn water shutoff valve fully open.</p> <p>Straighten the water source line.</p> <p>Flush and fill the water system. See "Water and Ice Dispenser".</p> <p>The water pressure to the home determines the flow from the dispenser. See "Water Supply Requirements".</p>

Troubleshooting (cont.)

Ice and Water

Problem	Cause	Solution
The water and ice dispenser will not operate properly	<p>Water filter installed on the refrigerator?</p> <p>Water dispenser measured fill feature is not dispensing an accurate amount of water?</p> <p>Refrigerator door closed completely?</p> <p>Recently removed the doors?</p> <p>Reverse osmosis water filtration system connected to your cold water supply?</p>	<p>Remove filter and operate dispenser. If water flow increases, the filter may be clogged or incorrectly installed. Replace filter or reinstall it correctly.</p> <p>Calibrate the water dispenser. See "Water and Ice Dispensers."</p> <p>Close the door firmly. If it does not close completely, see "The doors will not close completely".</p> <p>Make sure the water dispenser wire/tube assembly has been properly reconnected at the bottom of the refrigerator door. See "Refrigerator Doors and Drawer".</p> <p>This can decrease water pressure. See "Water Supply Requirements".</p>
Water is leaking from the dispenser system Note: One or two drops of water after dispensing is normal.	<p>Glass not being held under the dispenser long enough?</p> <p>New installation?</p> <p>Recently changed water filter?</p> <p>Water on the floor near the base grille?</p>	<p>Hold the glass under the dispenser two to three seconds after releasing the dispenser lever.</p> <p>Flush the water system. See "Water and Ice Dispenser".</p> <p>Flush the water system. See "Water and Ice Dispenser".</p> <p>Make sure the water dispenser tube connections are fully tightened. See "Refrigerator Doors and Drawer".</p>
Water from the dispenser is warm Note: Water from the dispenser is only chilled to 50°F (10°C).	<p>New installation?</p> <p>Recently dispensed large amount of water?</p> <p>Water not been recently dispensed?</p> <p>Refrigerator connected to a cold water pipe?</p>	<p>Allow 24 hours after installation for the water supply to cool completely.</p> <p>Allow 24 hours for water supply to cool completely.</p> <p>The first glass of water may not be cool. Discard the first glass of water.</p> <p>Make sure the refrigerator is connected to a cold water pipe. See "Water Supply Requirements".</p>

Service Information

If service is required after checking the troubleshooting guide, call your Viking dealer or authorized service agency. The name of the authorized service agency can be obtained from the dealer or distributor in your area.

When you make a service call, be sure to have the following information handy:

- Model Number
- Serial Number
- Date of Purchase
- Name of dealer from whom purchased

Be ready to clearly describe the problem that you are having with your Viking refrigerator.

If you are unable to obtain the name of an authorized service agency, or if you continue to have service problems, contact Viking Range Corporation at (888) 845-4641 or write to:

**VIKING RANGE CORPORATION
PREFERRED SERVICE
1803 Hwy 82W
Greenwood, Mississippi 38930 USA**

Record the following information indicated below. You will need it if service is ever required.

The serial number and model numbers for your refrigerator are located on the upper wall, behind the lighting:

Model No. _____ Serial No. _____

Date of Purchase _____ Date Installed _____

Dealer's Name _____

Address _____

If service requires installation of parts, use only authorized parts to insure protection under the warranty.

Keep this manual with your refrigerator for future reference.

Warranty

FREESTANDING FRENCH DOOR BOTTOM MOUNT REFRIGERATOR/FREEZER WARRANTY THREE YEAR FULL WARRANTY

Freestanding french door bottom mount refrigerator/freezers and all of their component parts, **except as detailed below***, are warranted to be free from defective materials or workmanship in normal residential use for a period of three (3) years from the date of original retail purchase or closing date for new construction, whichever period is longer. Viking Range Corporation, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period.

***FULL NINETY (90) DAY COSMETIC WARRANTY:** Product is warranted to be free from cosmetic defects in materials or workmanship (such as scratches on stainless steel, paint/porcelain blemishes, etc.) for a period of ninety (90) days from the date of original retail purchase or closing date for new construction, whichever period is longer. Any defects must be reported to the selling dealer within ninety (90) days from date of original retail purchase. Viking Range Corporation uses high quality processes and materials available to produce all color finishes. However, slight color variation may be noticed because of the inherent differences in painted parts and porcelain parts as well as differences in kitchen lighting, product locations, and other factors. Therefore, this warranty does not apply to color variation attributable to such factors.

†FULL NINETY (90) DAY WARRANTY IN "RESIDENTIAL PLUS" APPLICATIONS: This full warranty applies to applications where use of the product extends beyond normal residential use, but the warranty period for products used in such applications is ninety (90) days. Examples of applications covered by this warranty are bed and breakfasts, fire stations, private clubs, churches, yachts, etc. Under this "Residential Plus" warranty, the product, its components and accessories are warranted to be free from defective material or workmanship for a period of ninety (90) days from the date of original retail purchase. This warranty excludes use of the product in all commercial locations such as restaurants, food service locations and institutional food service locations.

SIX YEAR FULL WARRANTY ON SEALED REFRIGERATION PARTS AS LISTED
Any sealed refrigeration system component, as listed below, is warranted to be free from defective materials or workmanship in normal household use during the fourth through the sixth year from the date of original retail purchase. Viking Range Corporation, warrantor, agrees to repair or replace, at its option, any part which fails or is found to be defective during the warranty period.

Sealed Refrigeration System Components: Compressor, Evaporator, Condenser, Connecting Tubing, Dryer/Strainer

TWELVE YEAR LIMITED WARRANTY ON SEALED REFRIGERATION PARTS AS LISTED
Any sealed refrigeration system component, as listed above, which fails due to defective materials or workmanship in normal household use during the seventh through the twelfth year from the date of original retail purchase will be repaired or replaced, free of charge for the part itself, with the owner paying all other costs, including labor.

TERMS AND CONDITIONS

This warranty extends to the original purchaser of the product warranted hereunder and to each transferee owner of the product during the term of the warranty and applies to products purchased and located in the United States and Canada. Products must be purchased in the country where service is requested. If the product or one of its component parts contains a defect or malfunction during the full warranty period after a reasonable number of attempts by the warrantor to remedy the defect or malfunction, the owner is entitled to either a refund or replacement of the product or its component part or parts. Replacement of a component part includes its free installation, except as specified under the limited warranty. Under the terms of this warranty, service must be performed by a factory authorized Viking Range Corporation service agent or representative. Service will be provided during normal business hours, and labor performed at overtime or premium rates shall not be covered by this warranty.

Owner shall be responsible for proper installation, providing reasonable and necessary maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. The return of the Owner Registration Card is not a condition of warranty coverage. You should, however, return the Owner Registration Card so that Viking Range Corporation can contact you should any question of safety arise which could affect you.

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

WHAT IS NOT COVERED BY THIS WARRANTY: This warranty shall not apply to damage resulting from abuse, failure to provide reasonable and necessary maintenance, accident, delivery, negligence, natural disaster, loss of electrical power to the product for any reason, alteration, outdoor use, improper installation, improper operation, or repair or service of the product by anyone other than an authorized Viking Range Corporation service agency or representative. This warranty does not apply to commercial usage.

