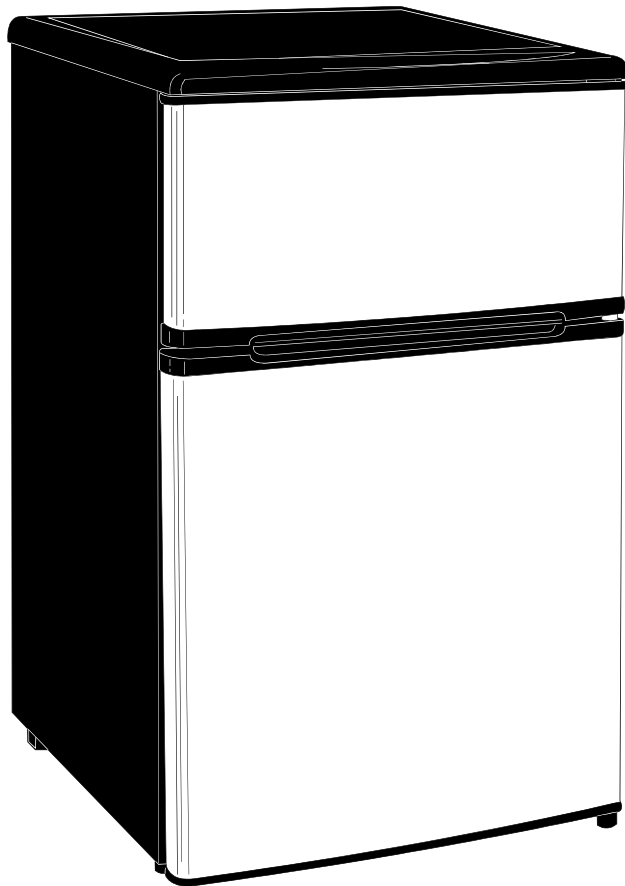




Refrigerator / Freezer



CRF321SS

Owner's Manual

For more information on other great EdgeStar products on the web, go to <http://www.edgestar.com>

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SAFETY WARNINGS

- 1) **WARNING**—Keep ventilation openings in the appliance enclosure or in the built-in structure, clear of obstruction.
- 2) **WARNING**—Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- 3) **WARNING**—Do not damage the refrigerant circuit.
- 4) **WARNING**—Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- 5) The appliance has to be unplugged after use and before carrying out user maintenance on the appliance.
- 6) This appliance can be used by children aged from 8 years and above, and persons with reduce physical sensory or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- 7) If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 8) Please abandon the refrigerator according to local regulators for it use flammable blowing gas and refrigerant.
- 9) Please follow local regulations regarding disposal of the appliance for its flammable refrigerant and blowing gas. Before you scrap the appliance, please take off the doors to prevent children trapped.
- 10) This appliance is intended to be used in household and similar applications such as
 - Staff kitchen areas in shops, offices and other working environments;
 - Farm houses and by clients in hotels, motels and other residential type environments;
 - Bed and breakfast type environments;
 - Catering and similar non-retail applications.
- 11) Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.



IT IS HAZARDOUS FOR ANYONE OTHER THAN AUTHORISED SERVICE PERSONNEL TO CARRY OUT SERVICING OF REPAIRS WHICH INVOLVE THE REMOVAL OF COVERS.



TO AVOID THE RISK OF AN ELECTRICAL SHOCK DO NOT ATTEMPT REPAIRS YOURSELF.

INSTALLATION

Clearance Requirements

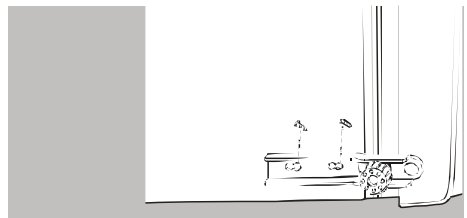
When selecting a position for your unit you should make sure the floor is flat and firm, and the room is well ventilated. Avoid locating your unit near a heat source, e.g. cooker, boiler or radiator. Also avoid direct sunlight as it may increase the electrical consumption. Extreme cold ambient temperatures may also cause the unit not to perform properly. This unit is not designed for use in a garage or outdoor installation. Do not drape the unit with any covering. When installing the unit, ensure that 20 cm of free space is left at both sides, 15 cm at the rear and 20 cm at the top of the unit. This will allow cold air to circulate around the cooler and improve the efficiency of the cooling process. The door can be opened to the right or the left, depending on what better suits the location. Please ensure there is adequate space for the door to fully open.

Reversing the Door Swing

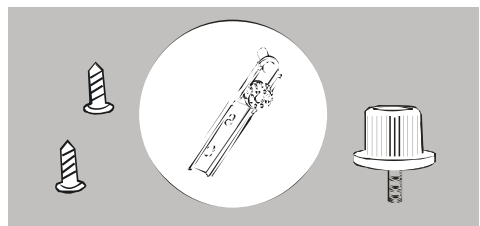
Tools Required: Phillips style screwdriver / Flat bladed screwdriver / Hexagonal spanner

- ⚠ ◆ If you want to have the door swing reversed, we recommend that you contact a qualified technician. You should only try to reverse the door yourself if you believe that you are qualified to do so.
- ◆ Ensure the unit is unplugged and empty.
- ◆ Adjust the two levelling feet to their highest position.
- ◆ To take the door off it is necessary to tilt the unit backwards. You should rest the unit on something solid so that it will not slip during the door reversing process.
- ◆ All parts removed must be saved to do the reinstallation of the door.
- ◆ Do not lay the unit flat as this may damage the coolant system.
- ◆ We recommend that 2 people handle the unit during assembly.

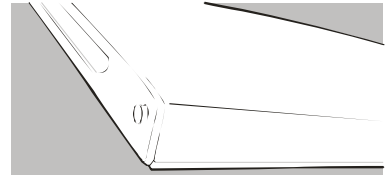
1) Start by removing the bracket from the bottom of the refrigerator.



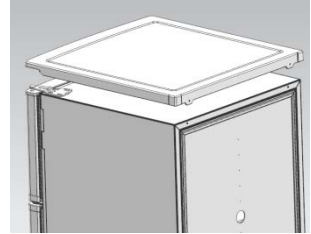
2) Unscrew the two screws from the bottom bracket. Remove the foot from opposite side.



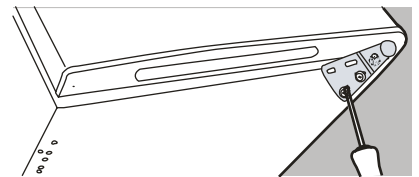
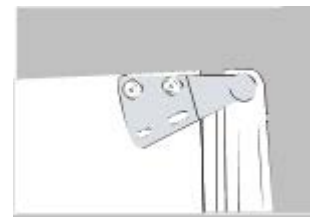
- 3) Slide the door down, away from the hinge pin located on the top of the door.



- 4) Remove the top cover first. Then unscrew the two screws from top bracket and replace on the other side.



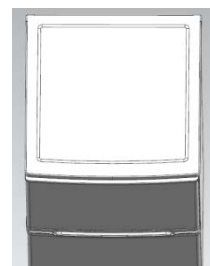
- 5) To install the bracket on the left side of the appliance, screw the two screws through the bracket and into the top of the appliance. Slide the door back on to the top hinge. Ensure the door is face up. Replace the top cover on the top bracket by screw the two screws.



- 6) Screw the bottom hinge into place on the new side. Replace the foot on the other side.

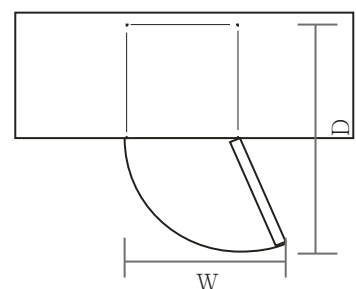


- 7) Check that the door is aligned horizontally and vertically and that the seals are closed on all sides before finally tightening the bottom hinge. Readjust the leveling feet.



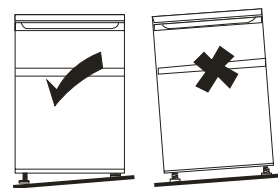
Door Space Requirements

The unit's door must be able to open fully as shown.
 $W \times D \geq 800\text{mm} \times 780\text{mm}$



Leveling the Unit

To do this, adjust the two levelling feet at the front of the unit. If the unit is not level, the door and magnetic seal alignments will not be covered properly.



Cleaning Prior to Use

Wipe the inside of the unit with a weak solution of bicarbonate soda. Then rinse with warm water using a 'Wrung-out' sponge or cloth. Wash the shelves and salad bin in warm soapy water and dry completely before replacing in the unit. Clean the exterior of the unit with a damp cloth.

If you require more information refer to the Cleaning section.

Before Using Your Unit

Before placing any food in your unit, turn it on and wait for 24 hours, to make sure it is working properly and to allow it time to fall to the correct temperature. Your unit should not be overfilled.



◆ Before Plugging in

You must check that you have a socket which is compatible with the plug supplied with the unit.

◆ Before Turning On!

Do not turn on until two hours after moving the unit. The coolant fluid needs time to settle.

Interior Accessories

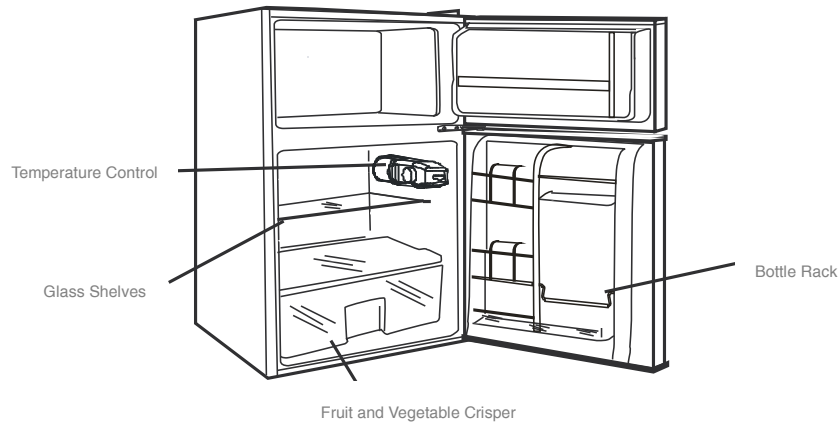
Various glass or plastic storage shelves are included with your appliance - different models have different combinations. You should always slide one of the full size glass storage shelves into the lowest set of guides, above the fruit and vegetable containers, and keep it in this position. To do this, pull the storage shelf forward until it can be swiveled upwards or downwards and removed.

Please do the same in reverse to insert the shelf at a different height.



In order to make the most of the volume of the fresh food storage compartment and frozen-food storage compartment, the user can remove one or more shelves, drawers, out of the appliance, according to your daily use.

PRODUCT OVERVIEW

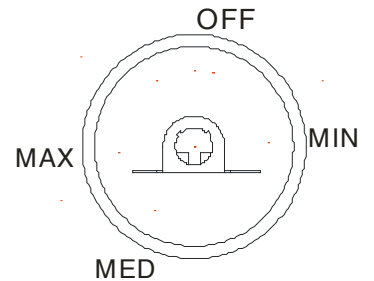


*All images in this instruction manual are for indication only; please refer to your individual unit for details.

OPERATION

Adjusting the Temperature

When using the refrigerator-freezer for the first time or after defrosting, turn the temperature control to setting “MAX” for at least two hours before introducing the food to be stored. All frozen food products you purchase should be placed in the freezer compartment as soon as possible to avoid the frozen food from defrosting. Storage recommendation printed on the packaging of frozen food by the manufacturers should be always be followed. Be careful that the drawer doesn’t mangle the refrigeration pipeline.



Normal Sounds

You may notice that your unit makes some unusual noises. Most of these are perfectly normal, but you should be aware of them. These noises are caused by the circulation of the refrigerant liquid in the cooling system. It has become more pronounced since the introduction of CFC free gases. This is not a fault and will not affect the performance of your unit. This is the compressor motor working, as it pumps the refrigerant around the system.

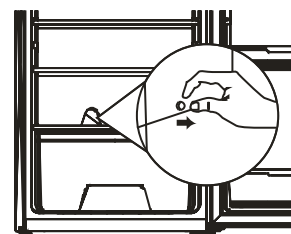
Tips for Keeping Food in the Unit

- ◆ Cooked meats/fishes should always be stored on a shelf above raw meats/fishes to avoid bacterial transfer. Keep raw meats/fishes in a container which is large enough to collect juices and cover it properly. Place the container on the lowest shelf.
- ◆ Leave space around your food, to allow air to circulate inside the unit. Ensure all parts of the unit are kept cool.
- ◆ To prevent transfer of flavors and drying out, pack or cover the food separately. Fruit and vegetables do not need to be wrapped.
- ◆ Always let pre-cooked food cool down before you put in the unit. This will help to maintain the internal temperature of the unit.
- ◆ To prevent cold air escaping from the unit, try to limit the number of times you open the door. We recommend that you only open the door when you need to put food in or take food out.

CLEANING

Defrosting

Frost may accumulate on the inner rear surface of the appliance which will automatically defrost during the off cycle of the compressor. Water is channeled via the drain hole to the collection tray above the compressor where it will evaporate. Please ensure the drain hole is checked and cleaned on a regular basis so water can exit the storage compartment.



Cleaning the Interior and the Exterior of the Unit

- ◆ Remove all the shelves and the salad bin. To remove the salad bin first remove the lower door shelf.
- ◆ Wipe the inside of the unit with a weak solution of bicarbonate soda and then rinse with warm water using a “wring-out” sponge or cloth. Wipe completely dry before replacing the shelves and salad bin.
- ◆ Use a damp cloth to clean the exterior, and then wipe with a standard furniture polish. Make sure that the door is closed to avoid the polish getting on the magnetic door seal or inside the unit.
- ◆ The grille of the condenser at the back of the unit and the adjacent components can be vacuumed using a soft brush attachment.

Cleaning Tips

Condensation may appear on the outside of the unit. This may be due to a change in room temperature. Wipe of any moisture residue. If the problem continues, please contact a qualified technician for assistance.

MAINTENANCE

Changing the Internal Light

Contact a professional electrician to remove and replace the cabinet's lamp.

Care When Handling / Moving Your Unit

Hold the unit around its sides or base when moving it. Under no circumstances should it be lifted by holding the edges of the top surface.

Servicing

The unit should be serviced by an authorized engineer and only genuine spare parts should be used. Under no circumstances should you attempt to repair the unit yourself. Repairs carried out by inexperienced person may cause injury or serious malfunction. Contact a qualified technician.

Switching Off for Long Periods of Time

When the unit is not in use for a long period of time, disconnect it from the mains supply, empty all food and clean the appliance, leaving the door ajar to prevent unpleasant smells.

Trouble shooting

Before Calling for Help

If the unit appears to be malfunctioning, read through the OPERATION section of this manual first. If the problem persists, check the Troubleshooting Guide below and on the following page. The problem could be something that can easily be solved or explained.

Symptoms	Possible causes	Solutions
The unit turns on and off frequently.	The room temperature is higher than the recommended ambient environment.	Run the cooler at the appropriate ambient temperature.
	The door is being opened often.	Minimize the number of times the door is opened.
	The door is not completely closed.	Make sure the door is completely closed.
	The door gasket is not sealing properly.	Make sure the door gasket is properly sealing.
	The cooler is not sufficiently ventilated.	This unit requires adequate air circulation behind the appliance.
The unit does not turn on.	There is a power failure.	Ensure the cooler is plugged in and the power outlet has power.
	The cooler is not plugged in.	Plug the unit in to a power outlet that has sufficient amperage.
	A house fuse has blown or the circuit breaker is tripped.	Replace the broken fuse in your fuse box or reset the breaker.
The refrigerator / freezer will not reach the desired temperature	The cooler is placed too close to a heat source.	Keep the cooler away from direct sun light or other heat sources.
	The cooler is not sufficiently ventilated.	This unit requires adequate air circulation behind the appliance.
	The door is opened too frequently or for a long period of time.	Close the door tightly and do not open the door too frequently or for a long period of time.
The unit is making strange noises	Certain sounds are normal.	Read the "Normal Sounds" section.
	The unit is not level or is touching another appliance.	Check to make sure that the cooler is level, and that it is not in contact with another appliance or furniture.
The body of the refrigerator / freezer is electrified.	The unit is not grounded properly.	Contact your local electrician to test your electrical grounding system.

Trouble Shooting Continued

Frost is forming in the cooler.	The environment is humid.	Though the unit uses an “auto-defrost” system, under certain conditions, manual defrosting may be required. If frost builds up, you can try running the cooler on a warmer temperature setting, minimizing the number of times you open the door, or unplugging the unit to allow the frost to melt.
	The ambient temperature is too low.	
	The door is being opened too frequently.	
The door will not shut properly.	Your cooler is not level.	Make sure the cooler is on a level surface.
	The door gasket is dirty.	Clean the door gasket.
	The door gasket is not installed correctly.	Make sure the door gasket is properly installed.
	The shelves are incorrectly installed.	Correctly install the shelves.

Helpful Hints:

- ◆ The refrigerator enclosure may emit heat during operation specially in summer, this is caused by the radiation of the condenser, and it is a normal phenomenon.
- ◆ Condensation: condensation phenomenon will be detected on the exterior surface and door seals of the freezer when the ambient humidity is large, this is a normal phenomenon, and the condensation can be wiped away with a dry towel.
- ◆ Buzz: Buzz will be generated by running compressor specially when starting up or shutting down.


Tips for Energy Saving

- ◆ Try not to open the door too often, especially when the weather is wet and hot. Once you open the door, close it as soon as possible.
- ◆ Every now and then check if the appliance is sufficiently ventilated (adequate air circulation behind the appliance).
- ◆ In normal temperature conditions, please arrange the thermostat at the middle setting.
- ◆ Before loading the appliance with packages of fresh food, make sure they are cooled to ambient temperature.
- ◆ Ice and frost layer increase energy consumption, so clean the appliance as soon as the layer is 3-5 mm thick.
- ◆ The appliance should be located in the coolest area of the room, away from heat producing appliances or heating ducts, and out of the direct sunlight.

- ◆ Let hot foods cool to room temperature before placing in the appliance. Overloading the appliance forces the compressor to run longer. Foods that freeze too slowly may lose quality, or spoil.
- ◆ Be sure to wrap foods properly, and wipe containers dry before placing them in the appliance. This cuts down on frost build-up inside the appliance.
- ◆ Appliance storage bin should not be lined with aluminum foil, wax paper, or paper toweling. Liners interfere with cold air circulation, making the appliance less efficient.
- ◆ Organize and label food to reduce door openings and extended searches. Remove as many items as needed at one time, and close the door as soon as possible.

DISPOSAL

Old units still have some residual value. An environmentally friendly method of disposal will ensure that valuable raw materials can be recovered and used again. The refrigerant used in your unit and insulation materials requires special disposal procedures. Ensure that none of the pipes on the back of the unit are damaged prior to disposal. Up to date information concerning options of disposing of your old unit and packaging from the new one can be obtained from your local council office. When disposing of an old unit breaks or any old locks or latches and remove the door as a safeguard.

Correct Disposal of this product	
	<p>Correct Disposal of this product</p> <p>This marking indicates that this product should not be disposed with other household wastes. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>

Specifications

Description of product	Refrigerator / Freezer
Model	CRF321SS
Voltage/Frequency	AC 115V~60Hz
Amperage	1.0A
Input Power	80W
Color	Black Cabinet; Stainless Steel Door
Storage Capacity	3.1 Cu. Ft.
Refrigerant	R600a, 1.13 oz.
Freezer Temperature Range	5 ~ -11.2 °F
Refrigerator Temperature Range	32 ~ 50 °F
Dimensions (Height x Width x Depth)	33 1/2" H x 18 3/4" W x 19 3/4" D
Weight	52 pounds

Note: Technical data and performance information is provided for reference only.

Specifications are subject to change. Check the rating label on the refrigerator for the most accurate information.

EdgeStar Limited Warranty

One (1) Year Parts & Ninety (90) Days Labor

This product is warranted by EdgeStar to be free from defective workmanship and materials, subject to any conditions set forth as follows:

WHAT IS COVERED:

LABOR: For a period of NINETY (90) DAYS from the date of original purchase, labor will be performed free of charge at an authorized EdgeStar repair facility. At its option, EdgeStar will repair the product with new or remanufactured parts, or exchange the defective product with a new, refurbished, or remanufactured product. If a product is replaced, it will carry the remaining warranty of the original product. After the ninety (90) day period, EdgeStar will no longer be responsible for labor charges incurred. All defective products and parts covered by this warranty will be repaired or replaced on a mail-in basis to an EdgeStar authorized repair facility.

PARTS: For a period of ONE (1) YEAR from the date of original purchase, EdgeStar will supply new, rebuilt, or refurbished parts free of charge. EdgeStar may request a defective part be returned in exchange for the replacement part. All replacement parts or products will be new, remanufactured, or refurbished. All products and parts replaced by EdgeStar under warranty service become the property of EdgeStar.

This warranty applies to the original purchaser only, and only covers defects in workmanship experienced during operation of the product under normal service, maintenance, and usage conditions. This warranty applies to the purchase and use of this product in residential settings within the United States of America.

WHAT IS NOT COVERED:

The following limitations apply to the coverage of this warranty. This warranty does not cover:

- x Labor charges for installation, setup or training to use the product.
- x Shipping damage, and any damage caused by improper packaging for shipment to an authorized service center, and any damaged caused by improper voltage or any other misuse, including abnormal service, handling, or usage.
- x Cosmetic damage such as scratches and dents.
- x Normal wear and tear on parts or replacement of parts designed to be replaced, e.g. filters, cartridges, batteries.
- x Service trips to deliver, pick-up, or repair, install the product, or to instruct in proper usage of the product.
- x Damages or operating problems resulting from misuse, abuse, operation outside environmental specifications, uses contrary to instructions provided in the owner's manual, accidents, acts of God, vermin, fire, flood, improper installation, unauthorized service, maintenance negligence, unauthorized installation or modification, or commercial use.
- x Labor charges incurred 91 days or more after the date of original purchase.
- x The use of EdgeStar products in commercial settings.
- x Optional accessories, attachments, and appearance items.
- x Products that have been modified to perform outside of specifications without the prior written permission of EdgeStar.
- x Products lost in shipment, or theft.
- x Products sold AS IS or from an unauthorized reseller.
- x Products that have had their serial numbers removed or defaced. Products with serial numbers that have been invalidated.

OBTAINING WARRANTY SERVICE:

If you believe your product is defective, contact EdgeStar Customer Support for troubleshooting assistance and warranty service at 1-866-319-5473. Please have your serial number and proof of purchase available. Once an EdgeStar authorized representative has confirmed that your product is defective and eligible for warranty service, the product must be returned to an EdgeStar repair facility. The purchaser is solely responsible for prepaying all shipping related costs to and from the repair facility. EdgeStar is not responsible for damage resulting from shipper mishandling or improper packaging. Do not return a defective product to the place of purchase. Products received without a return authorization number will be refused.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS DISTRIBUTORS SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. SOME STATES DO NOT ALLOW THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.



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E-mail: service@edgestar.com

Register your product, download owner's manuals, access additional troubleshooting resources, and obtain more information on other great EdgeStar products on the web at: <http://www.edgestar.com>

Product contents and specifications may change without notice.

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