

Viking Use/Installation Guide



Viking Range Corporation

111 Front Street

Greenwood, Mississippi 38930 USA

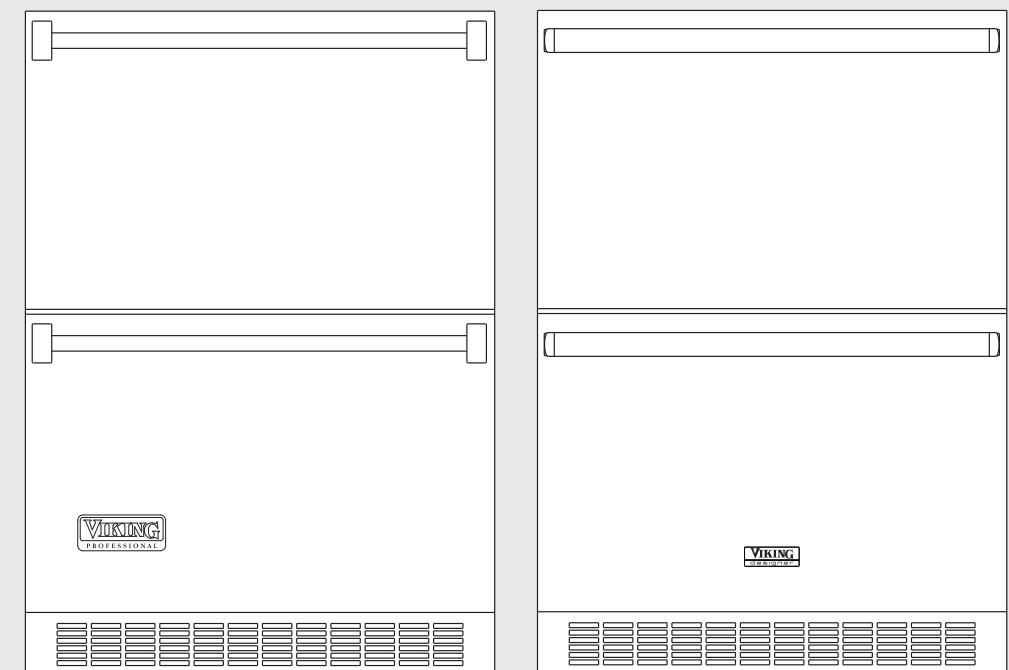
(662) 455-1200

For product information

call 1-888-VIKNG1 (845-4641)

or visit the Viking Web Site at

vikingrange.com



(071610)

Undercounter/Freestanding Refrigerated Drawer

Retain for Future Reference

IMPORTANT - PLEASE READ AND FOLLOW

- Before beginning, please read these instructions completely and carefully.
- Do not remove permanently affixed labels, warnings, or plates from the product. This may void the warranty.
- Please observe all local and national codes and ordinances.
- Please ensure that this product is properly grounded.
- The installer should leave these instructions with the consumer who should retain for local inspector's use and for future reference.

A GFI shall be used if required by NFPA-70 (National Electric Code), federal/state/local laws, or local ordinances.

- The required use of a GFI is normally related to the location of a receptacle with respect to any significant sources of water or moisture.
- Viking Range Corporation will NOT warranty any problems resulting from GFI outlets which are not installed properly or do not meet the requirements below.

If the use of a GFI is required, it should be:

- Of the receptacle type (breaker type or portable type NOT recommended)
- Used with permanent wiring only (temporary or portable wiring NOT recommended)
- On a dedicated circuit (no other receptacles, switches or loads in the circuit)
- Connected to a standard breaker of appropriate size (GFI breaker of the same size NOT recommended)
- Rated for Class A (5 mA +/- 1 mA trip current) as per UL 943 standard)
- In good condition and free from any loose-fitting gaskets (if applicable in outdoor situations)
- Protected from moisture (water, steam, high humidity) as much as reasonably possible

! WARNING

To reduce the risk of fire, electrical shock, or injury when using your refrigerated drawer, follow basic precautions including the following:

•FOR YOUR SAFETY•

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION.

It is your responsibility to be sure your refrigerated drawer is:

- located so the front is not blocked to restrict incoming or discharge air flow.
- properly leveled.
- located in a well ventilated area.
- connected to the proper kind of outlet, with the correct electric supply and grounding. A 115 volt, 60 Hz, 15 amp fused electrical supply is required. **NOTE:** Time delay fuse or circuit breaker is recommended.
- not used by anyone unable to operate it properly.
- used only for its intended purpose.
- properly maintained.

•SAVE THESE INSTRUCTIONS•

PROPER DISPOSAL OF YOUR OLD REFRIGERATION PRODUCT

! DANGER

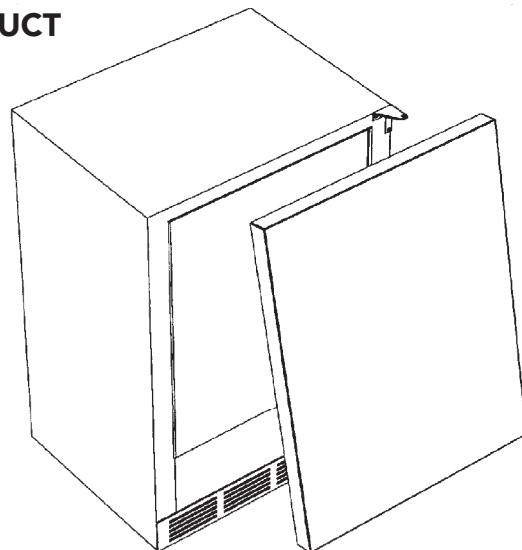
SUFFOCATION HAZARD

Remove doors from your old refrigerated drawer. Failure to do so can result in child entrapment, which can cause death or brain damage.

IMPORTANT: Child entrapment and suffocation are not problems of the past. Junked or abandoned refrigerated drawers are still dangerous, even if they will sit for "just a few days." If you are getting rid of your refrigerated drawer, please follow the instructions below to help prevent accidents.

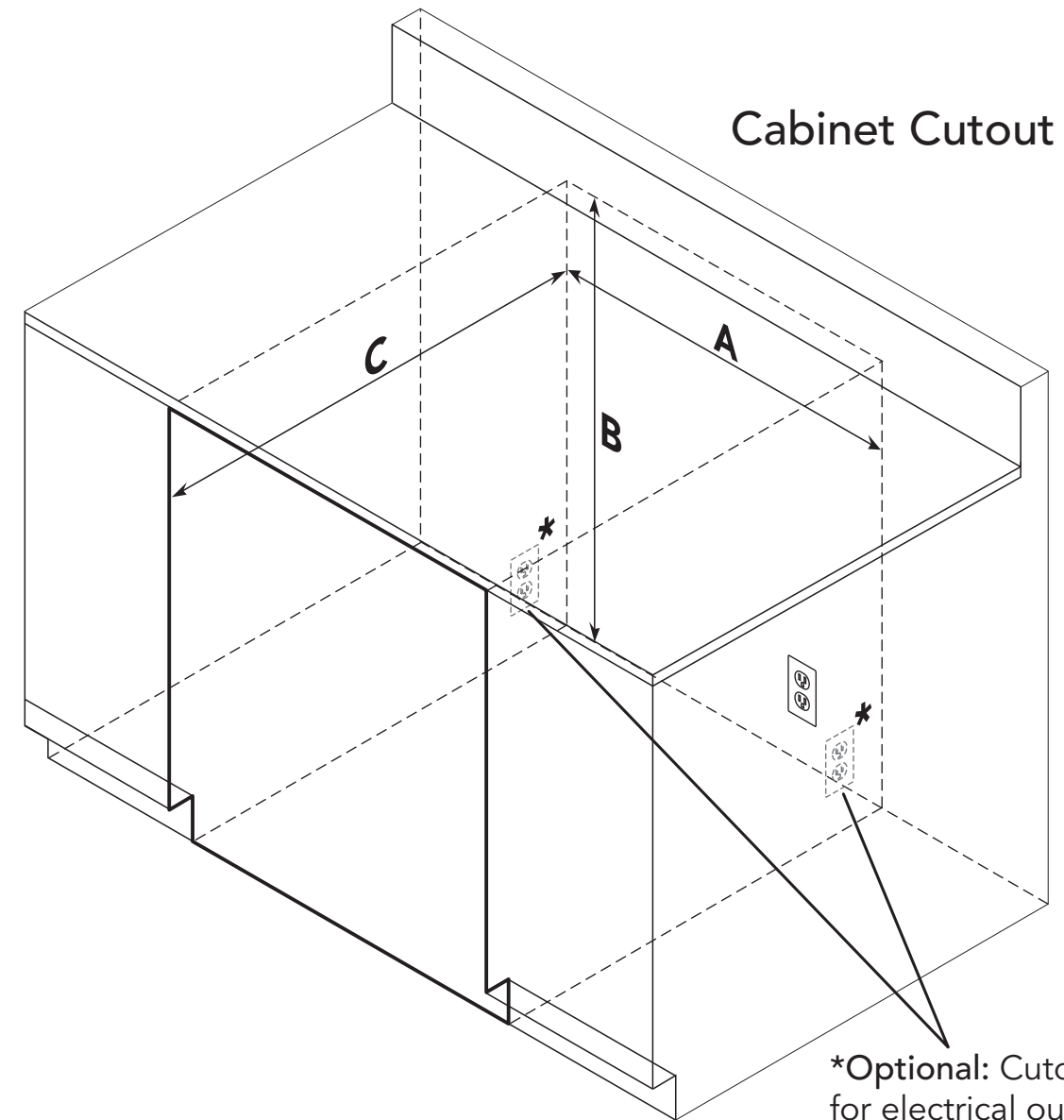
BEFORE YOU THROW AWAY YOUR OLD REFRIGERATION PRODUCT:

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



UNDERCOUNTER CABINET CUTOUT

| | |
|---|--|
| A | 24" (61.0 cm)* |
| B | Min. 34-1/4" (87.0 cm) Max. 35" (88.9 cm) |
| C | 24" (61.0 cm) |



Cabinet Cutout

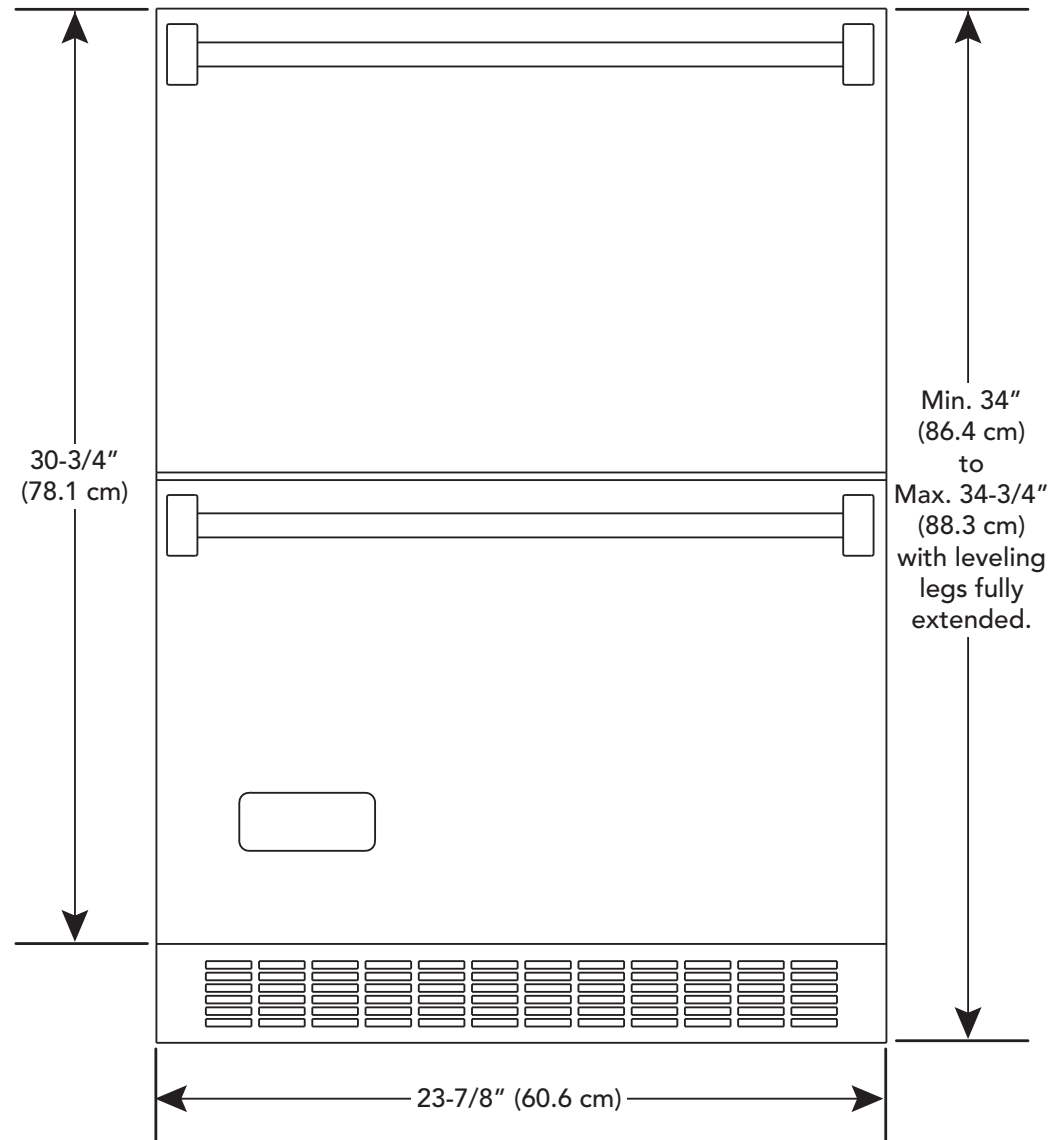
*Optional: Cutout for electrical outlet can be placed in adjacent cabinetry.

SPECIFICATIONS/DIMENSIONS PROFESSIONAL

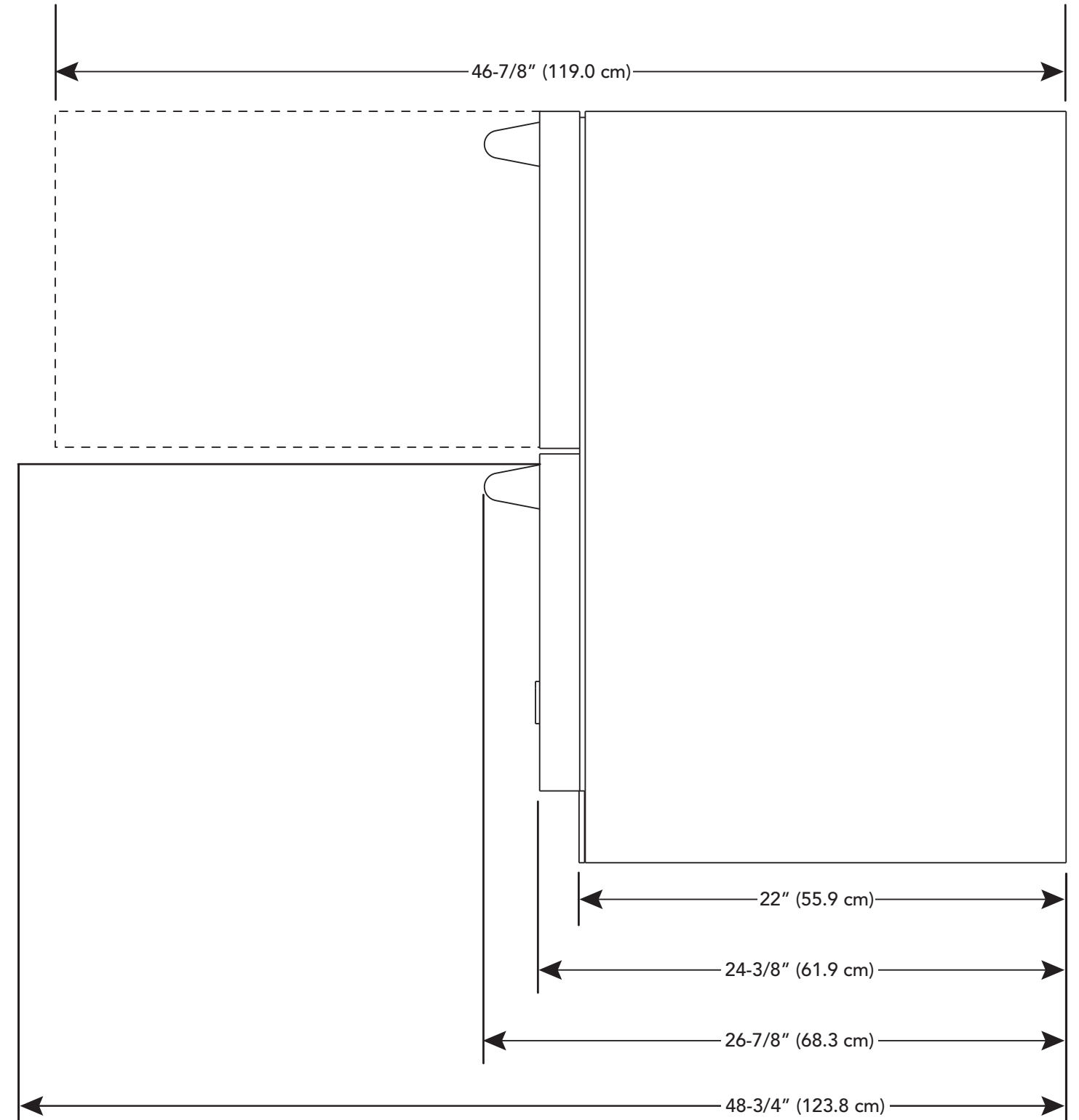
Basic Electric Data

- 115 VAC/60 Hz
- Maximum amps - 3.3
- Approximate Shipping Weight - 180 lbs. (81.8 kg)

Front View



Side View

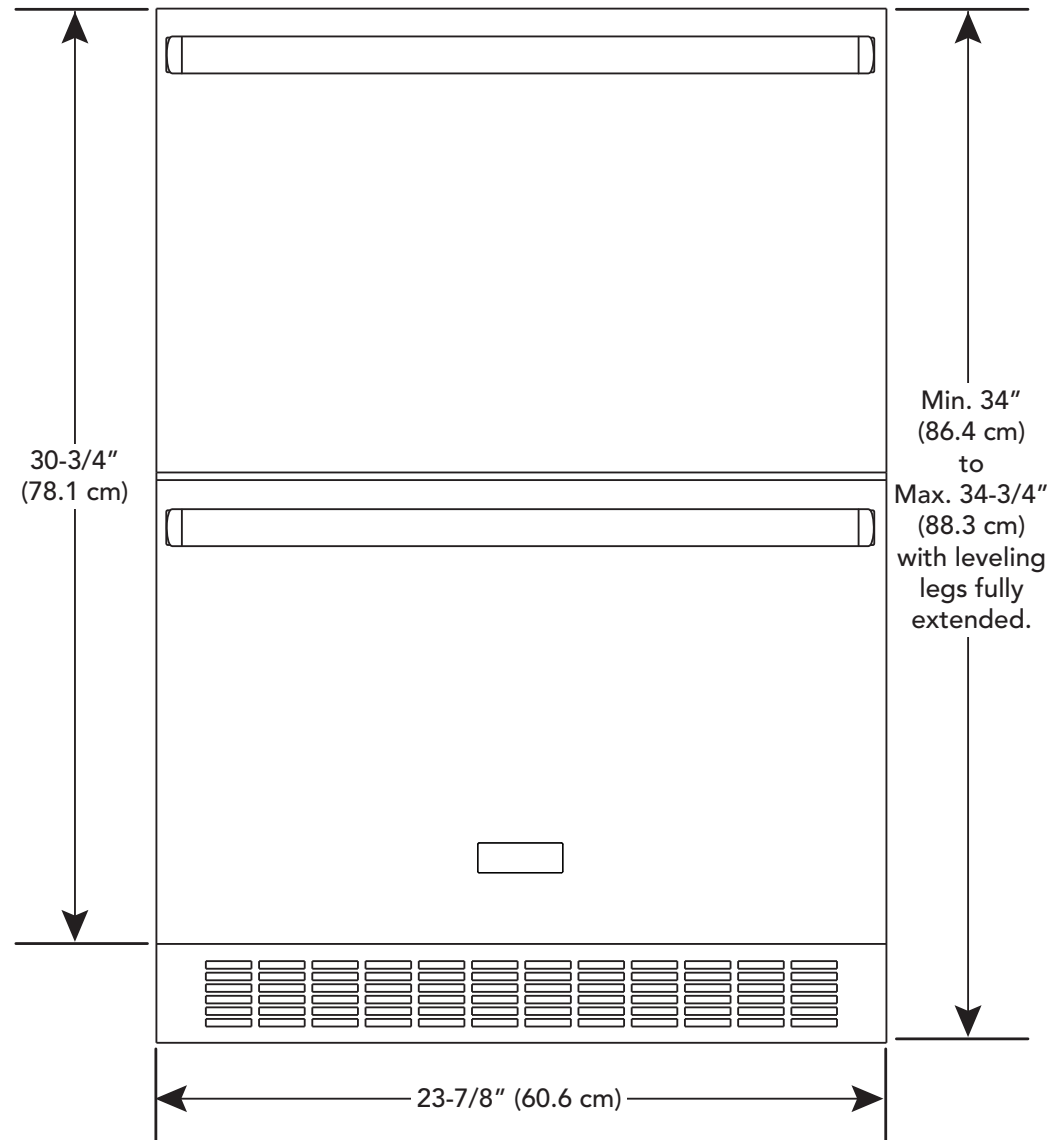


SPECIFICATIONS/DIMENSIONS DESIGNER

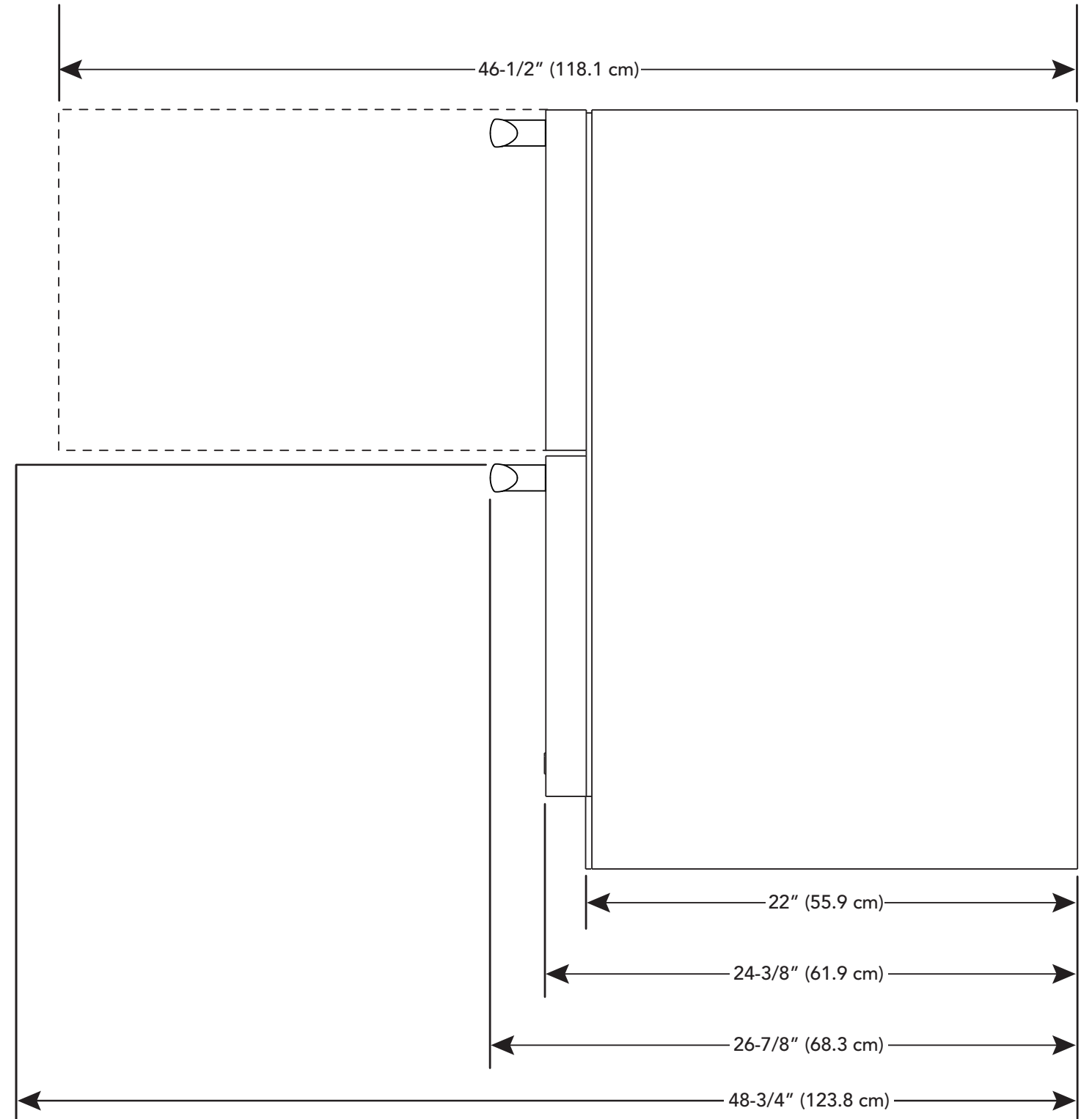
Basic Electric Data

- 115 VAC/60 Hz
- Maximum amps - 3.3
- Approximate shipping weight - 180 lbs. (81.8 kg)

Front View



Side View



GENERAL INFORMATION

Unpack

1. Remove banding from bottom of carton. Lift carton up and off of the unit.
2. Remove all tape and packaging material from the outside and inside of the cabinet.
3. Keep all carton packaging until your unit has been thoroughly inspected and found to be in good condition.

AREA REQUIREMENTS

Units Certified for Indoor Use - (black outer cabinet)

MUST BE INSTALLED IN AN AREA PROTECTED FROM THE ELEMENTS, SUCH AS WIND, RAIN, WATER (SPRAY OR DRIP).

1. Place unit so the front side will be completely unobstructed to provide proper air flow. The unit may be closed in on the top and three sides, but the front **MUST BE** unobstructed for air circulation and proper operation. Installation should be such that the cabinet can be moved for servicing if necessary.
2. Unit should be in a well ventilated area. Best results are obtained at temperatures between 55°F (12.8°C) and 80°F (27°C) for built-in products and 55°F (12.8°C) and 90°F (32°C) for freestanding products.
3. Provisions for electricity and water connection should be determined before placing unit in proper place.

Units Certified for Outdoor Use - outdoor models contain a T after the base model number (ex. VURD144T) and have a stainless steel outer cabinet.

MUST BE INSTALLED IN AN AREA PROTECTED FROM THE ELEMENTS, SUCH AS WIND, RAIN, WATER (SPRAY OR DRIP).

1. Place unit so the front side will be completely unobstructed to provide proper air flow. The unit may be closed in on the top and three sides, but the front **MUST BE** unobstructed for air circulation and proper operation. Installation should be such that the cabinet can be moved for servicing if necessary.
2. Unit should be in a well ventilated area with temperature above 40°F (4°C) and below 110°F (43°C).
3. Provisions for electricity should be determined before placing unit in proper place.

! WARNING IMPORTANT!

Disconnect power source before adjusting leveling legs. A cabinet "anti-tip" device is mounted to the back of your refrigerated drawer. If installation is a built-in undercounter application, you do not need to apply this feature. If your installation is a free-standing application with no counter top directly above the top of the refrigerated drawer, you must apply this feature to prevent the unit from tipping forward when the drawers are pulled out. The "anti-tip" device is attached at the back of each cabinet. Please see installation instructions supplied with the "anti-tip" device.

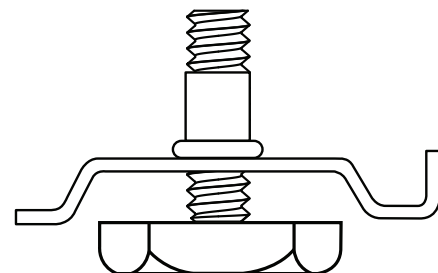
LEG LEVELER INSTALLATION

Read Before Installing Leg Levelers

! WARNING

Do not lay unit on top, side, back, or front. If unit is accidentally laid in any position other than right side up, then the unit must remain in the upright position for at least 24 hours before plugging the unit in.

1. Four leveling legs are pre-installed in the base of the unit at the factory.
2. The unit should be leveled from front to back and side to side. If floor conditions do not allow the unit to sit level, adjust the leg levelers by turning the required leg leveler counter-clockwise to increase the height and clockwise to reduce the height.



INSTALLING ANTI-TIP DEVICE

! CAUTION

A cabinet anti-tip device is mounted to the back of your refrigerated drawer unit. If your installation is a built-in undercounter application with a countertop directly above the unit, this item can be removed. It does not need to be applied.

If your unit is a free-standing application with no countertop directly above the top of the unit, you must apply this feature to prevent the unit from tipping forward when the drawers are pulled out. The anti-tip device is installed on the back of the unit. The anti-tip device reduces the chance of personal injury as well as property damage when properly installed between the back of the unit and the adjacent wall. Please see the following instructions for installing the anti-tip device.

1. Push the unit against the wall so that the anti-tip bracket is flush to the wall adjacent to the back panel. Level the unit with the leveling legs provided in the cabinet bottom. (See Leveling Legs on previous page.)
2. Using a pencil and the bracket as a template, trace the bracket on the wall, making sure two of the screw holes are aligned with a stud in the wall.
3. Pull the unit away from the wall.
4. Remove the screws that connect the upper and lower sections of the anti-tip bracket.
5. Place the bracket on the wall and mark and drill 3/16" diameter Pilot holes for the provided 1/4" lag screws. Mount the lower section of the wall with the 1/4" lag screws.
6. Move the unit into place aligning the screw holes between the upper and lower brackets and secure with the screws removed in Step 4.

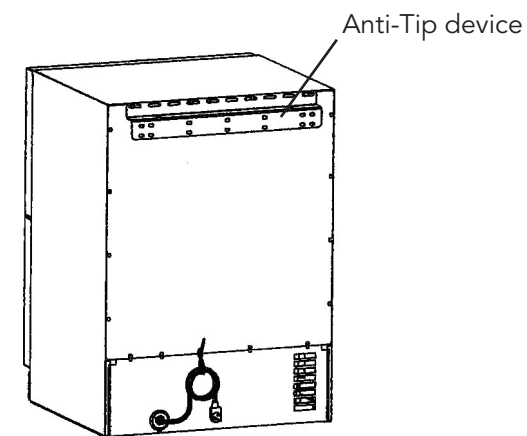
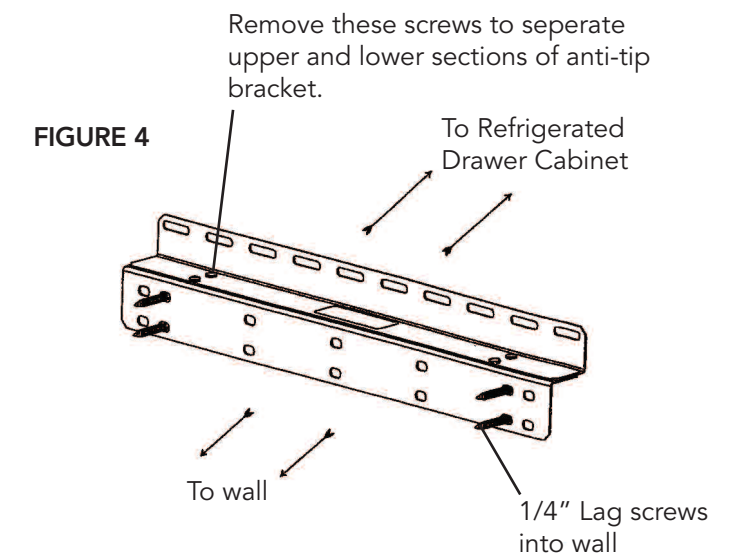


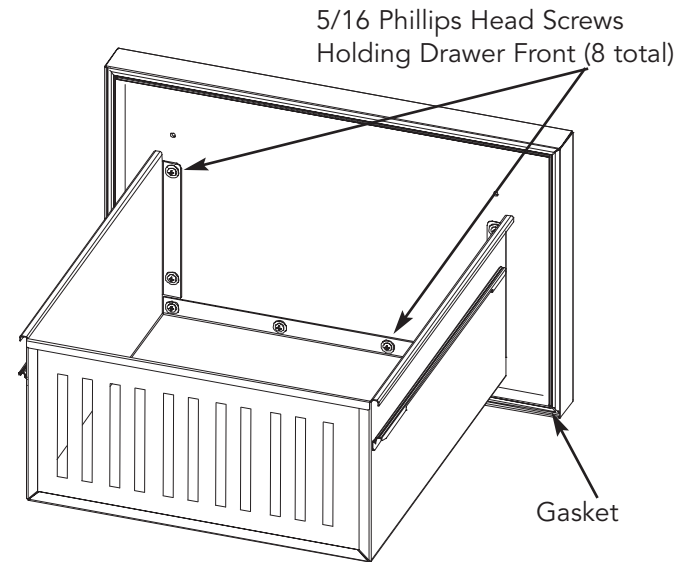
FIGURE 3



FULL OVERLAY PANEL INSTALLATION

Step #1

1. A #10 pan head wood screw should be used to properly secure the overlay panel. A total of 8 screws will be needed.
2. Use only pan head screws.
3. Do not select a screw that is longer than the wood thickness of the screw locations.
4. Use recommended pilot holes for the frame material. (Use chart below.)



NOTE: Drawer divider not shown.

| Pilot Hole Drill Sizes for Wood Screws | |
|--|---------------------|
| | Wood Screw Size #10 |
| Work Material | Pilot Hole Size |
| Hardwood | 3/32 |
| Softwood | 5/64 |

FULL OVERLAY PANEL INSTALLATION

Step #2

Remove Drawer Fronts

(Note: The overlay panel may be installed without removing the drawer fronts from the drawer bodies, but the full drawer assembly is not as easy to handle as the drawer front alone.)

1. Remove drawer from unit. Begin by pulling out the drawer. Locate the drawer lock which can be found on the outside of the cabinet slide (Figure 1). Push the back of the drawer lock forward and then down, releasing the drawer from the cabinet slide (Figure 2). Repeat this on the opposite side of the drawer. Lift the drawer up from the slides at 90° to fully remove the drawer from the cabinet (Figure 3).
2. Remove drawer fronts. Do this by removing the 8 phillips screws and washers securing the drawer front to the drawer body. Mark lightly with an erasable marker the position of the stainless drawer liner where it is secured to the stainless drawer before removing screws.
3. Remove the gasket from the drawer front. Do this by pulling the gasket out of the channel that holds it to the drawer front. This will expose the clearance holes for mounting the overlay panel.

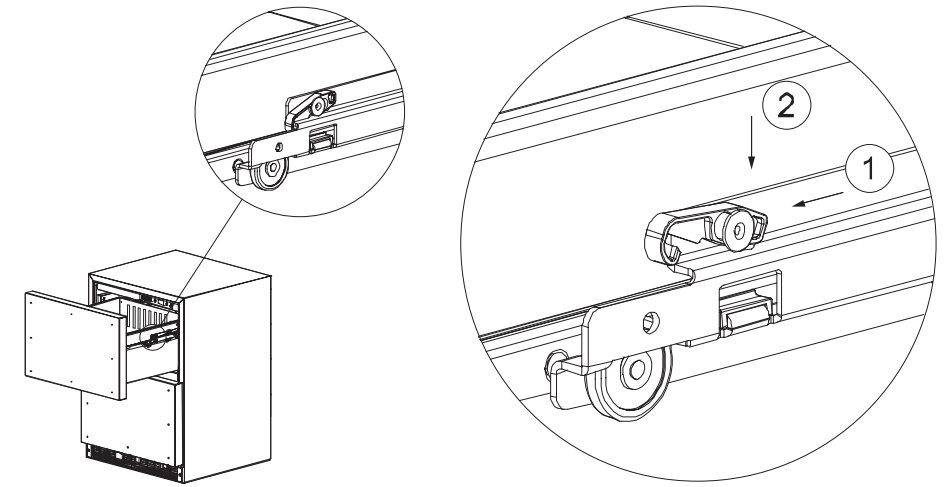


Figure 1

Figure 2

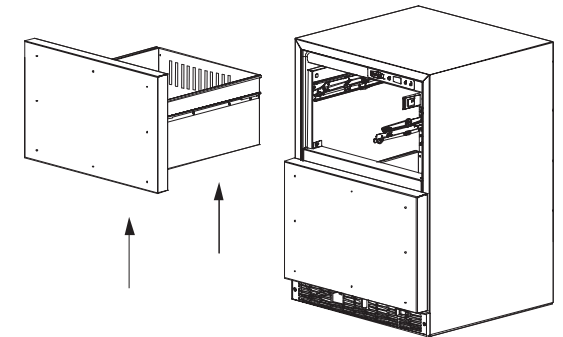
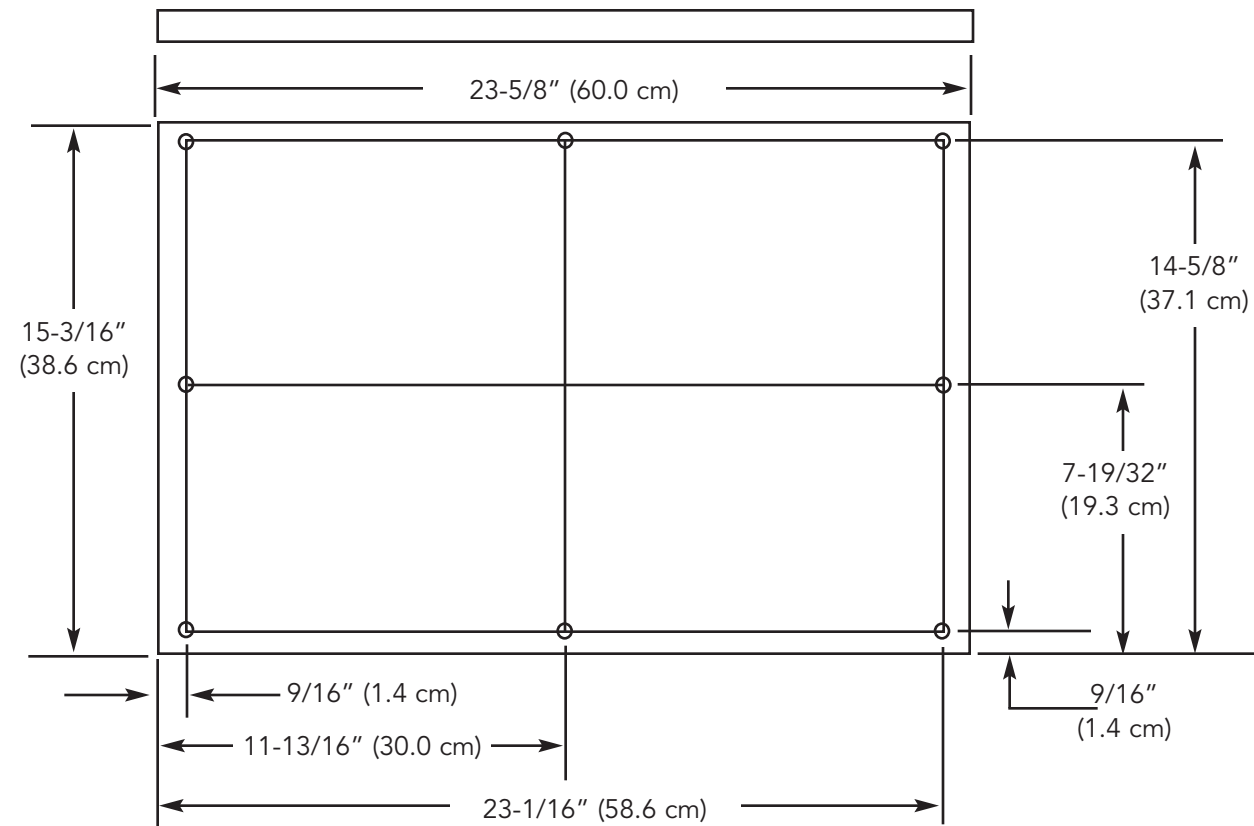


Figure 3

FULL OVERLAY PANEL INSTALLATION (con't)

Step #3

Sizing the Overlay Panel



Step #4

Attaching the Overlay Panel to the Door

1. Set the overlay panel on drawer front face and align edges. Clamp panel in position and mark pilot hole locations. See Step #3 for nominal size and hole locations. Drill pilot holes (remove panel if necessary, re-align and re-clamp overlay to drawer face.)
2. Insert wood screws through clearance holes and tighten to secure overlay panel.
3. Reinstall gasket into channel. Make sure the corners are inserted fully.

Step #5

Reattach Drawer Front to Drawer Body

Align mounting holes on drawer body with mounting holes on drawer front. Align the door liner to the front flanges by using the erasable marker alignment lines that were applied prior to removing the door from the drawer. Reinstall phillips head screws and washers. Snug down, but do not tighten fully, final adjustment of drawer front will be done after reinstalling the drawer.

Step #6

Reinstall the Drawer

1. Fully extend drawer slides and place drawer on slides. Be sure that drawer sits evenly on both sides.
2. Lock drawers into drawer slides. Push drawer locks down and then back to relock the drawer into the slide.

Step #7

Adjust Drawer Front

1. Adjust drawer front to achieve a 1/8" gap from the top of the drawer front to the top of the cabinet or (for bottom drawers) 1/8" from the top of the drawer front to the bottom of the top drawer, the drawer front should be centered between the cabinet edges.
2. Fully tighten phillips head screws

ELECTRICAL CONNECTION



WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow these instructions could result in fire or electrical shock.

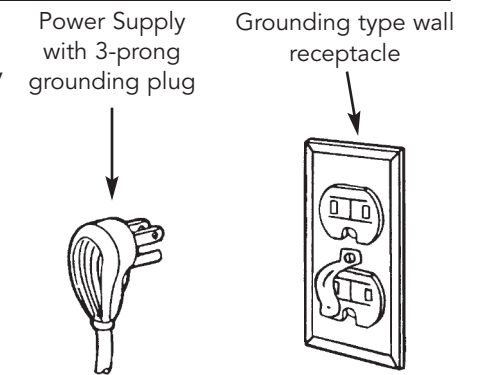
Electrical Requirements

A 115 volt, 60 Hz, AC only 15 amp fused electrical supply is required. (A time delay fuse or circuit breaker is recommended.) It is recommended that a separate circuit, serving only this appliance, be provided.

- ELECTRICAL GROUND IS REQUIRED ON THIS APPLIANCE.
- DO NOT UNDER ANY CIRCUMSTANCES REMOVE THE POWER SUPPLY CORD GROUND PLUG.
- DO NOT USE AN EXTENSION CORD

Recommended Grounding Methods

For your personal safety, this unit must be grounded. This appliance is equipped with a 7' (2.1 m) power supply cord having a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating 3-prong grounding type wall receptacle grounded in accordance with the National Electrical Code and local codes and ordinances. If the circuit does not have a grounding type receptacle, it is the responsibility and obligation of the customer to exchange the existing receptacle in accordance with the National Electrical Code and applicable local codes and ordinances. The third ground plug SHOULD NOT, under any circumstances, be cut or removed. All UL listed refrigerated drawers are equipped with this type of plug.



FINAL PREPARATION

1. Some stainless steel parts may have a plastic protective wrap which must be peeled off. The interior of the unit should be washed thoroughly with hot, soapy water, rinsed and wiped dry to remove film residue and any installation dust or debris before being used. Solutions stronger than soap and water are rarely needed.
2. All stainless steel parts should be wiped with hot soapy water. If buildup occurs, do not use steel wool, abrasive cloths, cleaners, or powders. If it is necessary to scrape stainless steel to remove encrusted materials, soak with hot, wet cloths to loosen the material, then use a wood or nylon scraper. Do not use a metal knife, spatula, or any other metal tool to scrape stainless steel; scratches are almost impossible to remove.

OPERATING INSTRUCTIONS

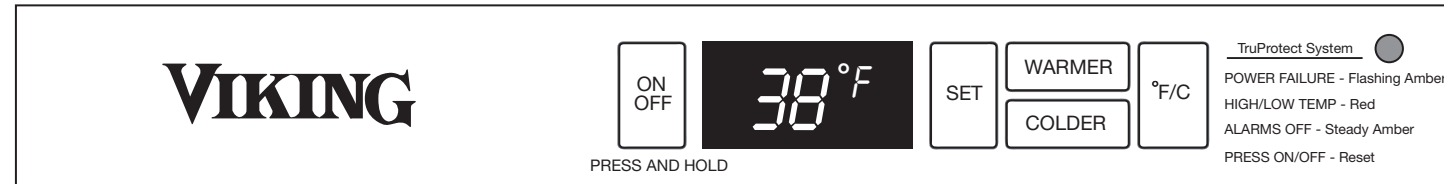
General Tips and Suggestions

- After making a temperature adjustment, allow at least 24 hours for your unit to reach a new temperature setting.
- The motor will start and stop often. It must do this to maintain the temperature setting.
- Unplug the unit before working on anything with the electrical system.
- Exercise caution when sweeping, vacuuming, or mopping near the front of the unit.
- Avoid leaning on the drawer fronts. You may bend the drawer slides or tip the unit.

SETTING THE CONTROLS

The temperature of our drawer unit ranges from 32°F to 45°F (0°C to 7°C).

TruProtect™ "Basic" Function "Quick" Reference



| Function | Function Access |
|------------------------------|--|
| Turn Unit On & Off | Pressing and holding the keypad for 5-seconds will turn the unit "ON" or "OFF". |
| Adjust Temperature Set-Point | To adjust temperature set-point, touch keypad and current set-point will be displayed. Use the or keypads to adjust set-point temperature. |
| Display "Actual" Temperature | Display represents "real-time" monitoring of the compartment's stored wine and/or contents. Some temperature fluctuation around your desired set-point is normal. |
| Select °F or °C Display | Pressing the keypad will toggle the display between Fahrenheit and Centigrade temperature display. |
| Black-Out Mode | Display automatically shuts off when door is closed. |
| Sabbath Mode | Press and hold the keypad while pressing the keypad four (4) times. |
| TruProtect™ System | System monitoring is automatically enabled unless system has been disabled. (See below). |
| Door Ajar Alarm | For Door Ajar alarm, TruProtect™ must be Enabled, (See "Disable/Enable TruProtect™", described below). |
| High/Low Temp Alarm | Note: Alarm may occur when changing set-points in excess of 10°F, and/or high usage, this is normal. TruProtect™ must be Enabled, (See "Disable/Enable TruProtect™", described below). |
| Power Failure Alarm | Note: Alarm will occur upon initial installation, since unit was run at factory to verify quality, this is normal. TruProtect™ must be Enabled, (See "Disable/Enable TruProtect™", described below). |
| Reset Alarms | Close door to reset Door Ajar alarm. Press keypad to reset all other alarms. |
| Disable/Enable TruProtect™ | Press and hold the keypad for 5-seconds to "disable" or "enable" TruProtect™ System. |
| Defrost | No action required - Defrost will automatically occur as required. |

| Control Confirmation/Comment |
|---|
| Display will be blank when refrigeration system is off. Lights will still function, but will time-out 15 minutes after each activation, if door is left open or display lighting is on, to prevent overheating. |
| "Set" will appear in display when in set-point mode. "SET" mode will automatically time-out in 10 seconds if no keypad activity occurs, or you may exit "SET" mode by pressing the keypad a second time. |
| Temperature variation in "compartment air", above and below set-point, is a normal effect of refrigeration system cycling on and off. Stored items will not experience the full temperature swing of the compartment air due to the dampening effect of their thermal mass. |
| |
| In addition, the control panel is hidden when door is closed. |
| Display will flash four (4) times, then unit will enter Sabbath Mode. The display, audible alarms, LED and lights will be disabled. Sabbath Mode will automatically time-out in 36 hours, or can be exited by repeating the enable keypad routine. |
| LED displays steady green when TruProtect™ is enabled. |
| Audible alarm will sound 3-times every 30-seconds, LED will flash green. |
| Alarm will sound 6-times every minute and LED will flash red if product temperature excursions occur for a duration outside acceptable limits. |
| LED will flash amber whenever power is interrupted to unit. No audible signal. |
| Note that although pressing the keypad will reset the alarms, the alarm will resume if the "alarm condition" still exists. |
| LED displays steady green when alarm is enabled. LED displays steady amber when disabled. |
| will be displayed during the defrost function. |

INTERIOR LIGHT

⚠ WARNING

ELECTRICAL SHOCK HAZARD

Failure to disconnect the power cord when changing the light bulb may result in electrical shock.

⚠ CAUTION

Never pour liquids directly onto light assembly.

LED LIGHT REPLACEMENT

1. Unplug unit.
2. Remove drawers. (This is not required to remove the light, but will provide better access). See Figures 1 through 3 in Full Overlay Panel Installation on page 6.
3. Remove old lights. Use 2 small, thin bladed screwdrivers or putty knives to press in the locking tabs on the lens housing. (Figures 4 and 5). With the locking tabs depressed, pull downward (Figure 6), the light housing will pop free. Disconnect the wire lead by pulling straight out from the connector. Connect wire lead to new light and re-install into metal housing. The light will only fit in the housing with the locator tabs pointing to the front of the unit.
4. Re-install drawers.
5. Plug in unit.

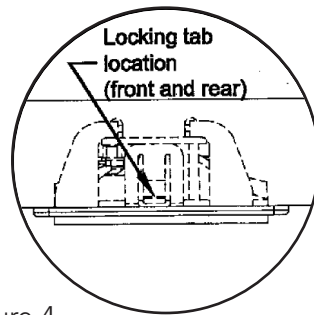


Figure 4

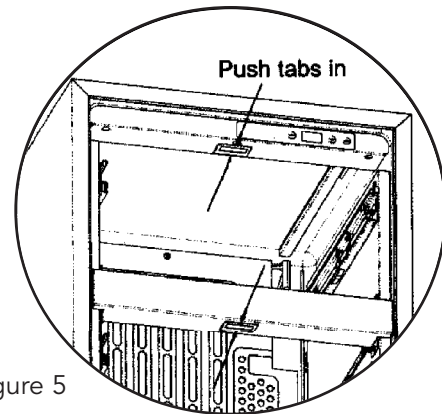


Figure 5

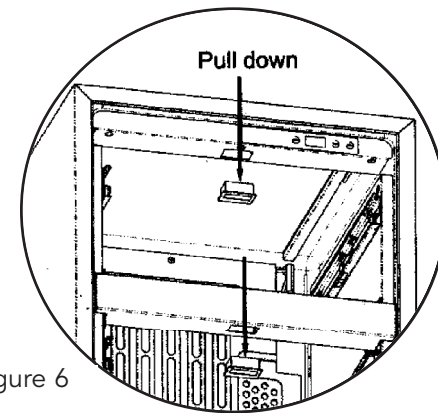


Figure 6

ENERGY SAVING TIPS

The following suggestions will minimize the cost of operating your refrigeration appliance.

1. Do not install your appliance next to a hot appliance, (cooker, dishwasher, etc.), heating air duct or other heat sources.
2. Install product out of direct sunlight.
3. Assure the toe grille vents at front of unit beneath door are not obstructed. Keep toe grille vents clean to allow ventilation for the refrigeration system to expel heat.
4. Plug your appliance into a dedicated power circuit. (Not shared with other appliances.)
5. When initially loading your new product, or whenever large quantities of warm contents are placed within refrigerated storage compartment, minimize door openings for the next 12 hours to allow contents to pull down to compartment set-point temperature.
6. Maintaining a relatively full storage compartment will require less appliance run-time than an empty compartment.
7. Assure door closing is not obstructed by contents stored in your appliance.
8. Allow hot items to reach room temperature before placing in product.
9. Minimize door openings and duration of door openings.
10. Use the warmest temperature control set-point that meets your personal preference and provides the proper storage for your stored contents.
11. Minimize use of display lighting option on glass door products, (light stays on with door closed).
12. When on vacation or away from home for extended periods, set the appliance to warmest acceptable temperature for the stored contents.
13. Set the control to the "OFF" position if cleaning the unit requires the door to be open for an extended period of time.
14. Annually clean condenser heat exchange coil located in machine compartment underneath unit, (see Cleaning and Maintenance section).

CLEANING AND MAINTENANCE

Any piece of equipment works better and lasts longer when maintained properly and kept clean.

Condenser

The condenser underneath the cabinet does not require frequent cleaning; however, satisfactory cooling depends on adequate ventilation over this heat exchanger. It is recommended to annually clean the condenser by vacuuming and brushing. To access the condenser, the unit must be pulled out from the installation and the lower machine compartment access cover removed.

⚠ WARNING

Disconnect the power cord before removing the access cover.

Be sure that nothing obstructs the required air flow openings in front of the cabinet. At least once or twice a year, brush or vacuum lint and dirt from the front grille area.

Cabinet

The cabinet can be washed with mild soap and water and thoroughly rinsed with clear water. Never use abrasive scouring powders.

Interior

Wash interior compartment with mild soap and water. Do not use abrasive powder, solvent, polish cleaner or undiluted detergent.

Stainless Steel Parts

All stainless steel parts should be wiped regularly with hot soapy water. Use a liquid cleaner designed for stainless steel when soapy water will not do the job. **Do not use** steel wool, abrasive cloths, cleansers, or powders. Do not permit citrus or tomato juice to remain on stainless steel surfaces, as citric acid will permanently discolor stainless steel.

Brass Parts

CAUTION: All brass parts are coated with an epoxy coating. **DO NOT USE BRASS OR ABRASIVE CLEANERS ON THE BRASS PARTS.** All brass parts should be wiped regularly with hot soapy water. When hot soapy water will not do the job, use every day non-abrasive household cleaners.

Door Gasket

The vinyl gasket may be cleaned with mild soap and water, a baking soda and water solution, or a mild scouring powder.

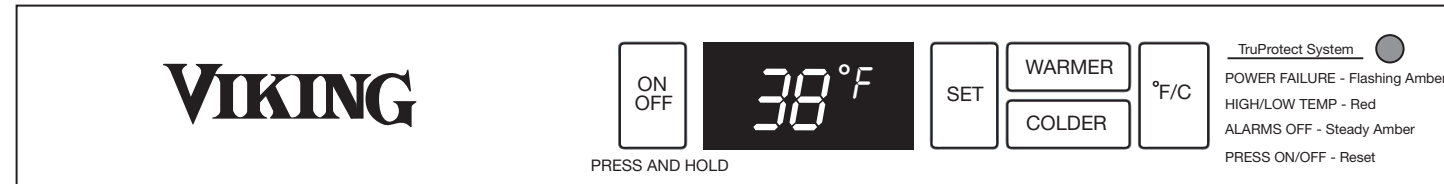
Painted Surfaces

Wash with warm soapy water. **DO NOT USE** steel wool, abrasive cleansers, ammonia, acids or commercial oven cleaners which may damage the finish.

TROUBLESHOOTING CHART

| Problem | Possible Cause | Solution |
|--|---|--|
| Odor in cabinet | Unit interior needs cleaning | Clean inside of unit |
| Noisy operation | Unit not level | Adjust leveling legs |
| Unit vibrates | Unit not level | Adjust leveling legs |
| | Weak floor | Rebuild floor or move to a different location |
| Interior lighting not working | LED light burned out | Replace LED light |
| | No power at outlet | Test outlet with lamp |
| Appliance will not run | Control panel tuned "OFF" | Turn unit on with on/off pad on control panel |
| | Power cord not plugged into power source | Plug unit into power source |
| | House fuse blown | Reset house fuse |
| Appliance runs too long | Prolonged door openings | Reduce number and/or duration of openings |
| | Control panel set too cold | Raise temperature of unit via control panel |
| | Condenser needs cleaning | Clean condenser |
| Moisture collects inside of unit | Too many door openings | Reduce number of door openings |
| | Prolonged door openings | Reduce number of door openings |
| | Hot, humid weather increases condensation | Move unit to cooler location As humidity decreases, moisture will disappear |
| Moisture collects on outside surface of unit | Hot, humid weather increases | Move unit to cooler location |
| | Control improperly set | Reset to slightly warmer temperature |
| Interior too hot/too cold | Control improperly set | Reset control to desired temperature |
| | Faulty thermometer | Recheck with second thermometer |

TruProtect™ “Advanced” Function “Quick” Reference



| Function | Function Access |
|---------------------|---|
| Show Room Mode | Enable the Show Room Mode by pressing and holding the ON/OFF keypad while performing a “Power On Reset”, (POR), i.e. - disconnect and reconnect the power supply to unit. Exit Show Room Mode by initiating a POR only. |
| Service Diagnostics | <p>“Enter” and “Exit” Service Diagnostics mode by pressing and holding the WARMER keypad while pressing the COLDER keypad 4-times within 5-seconds. Service Diagnostics mode also will automatically exit after 5-minutes of no keypad entry.</p> <p><u>Display Error Code Reference:</u> The microprocessor in the control continually monitors critical refrigeration system components for proper operation. If component parameters exceed normal operating specifications, the display will automatically flash the respective error code as follows:</p> <ul style="list-style-type: none"> E1 ⇨ Compressor fault, (high/low amps). E2 ⇨ Condenser fan motor fault, (high/low amps). E3 ⇨ Evaporator thermistor “sensor B” fault, (out-of-range). E4 ⇨ Display thermistor “sensor A” fault, (out-of-range). <p>Power line fluctuations may cause an error code to be displayed with no product fault. Therefore, the first time an error code appears, please clear the code by holding SET and pressing ON/OFF 4 times. If the product is at fault, the error code will appear again, and you should contact your Dealer or Viking Customer Service to schedule service by a qualified technician.</p> |

| Control Confirmation/Comment | | | | |
|---|------------------------|-----------|-----------|------------|
| Show Room Mode will disable the refrigerator system and fans while allowing the internal lights, display and user interface panel to function. Lights will time out after 15-minutes of continuous on-time while in Show Room Mode as a safety feature. The 15-minute light-on time can be reactivated by closing and opening the door or by pressing the LIGHT keypad. | | | | |
| Service Diagnostics Mode enables service technicians to identify the firmware and software versions, test status of “model specific” system components and sensors and change state of components where applicable, (i.e. - compressor on/off, etc...). While in Service Diagnostics Mode, tests are incremented by pressing the SET keypad and specific component state can be changed to “on” and “off” by pressing the WARMER and COLDER keypads respectively. The following component tests are available: | | | | |
| <u>Available Status Indicators</u> | | | | |
| Test # | Component Description | OK | Off/Open | On/Shorted |
| 0 | Temp Sensor A | 0- | 00 | 01 |
| 1 | Temp Sensor B | 1- | 10 | 11 |
| 2 | Compressor | n/a | 20 | 21 |
| 3 | Interior/Ice Maker Fan | n/a | 30 | 31 |
| 4 | Reverse Gas Solenoid | n/a | 40 | 41 |
| 5 | Condenser Fan | n/a | 50 | 51 |
| 6 | Mullion Heater | n/a | 60 | 61 |
| 7 | Door A Sense | n/a | 70 | 71 |
| 8 | Door B Sense | n/a | 80 | 81 |
| 9 | Door C Sense | n/a | 90 | 91 |
| Note: Must use magnet to change state of Door C Sense. | | | | |
| | | | | |

ENERGY SAVING TIPS

- Reduce drawer openings.
- Close the drawer as soon as you can.
- Keep the condenser coils on bottom of the unit clean. (See "Cleaning and Maintenance".)
- Adjust the temperature control to a warmer setting when practical.
- Do not put hot foods in the unit.
- Install unit away from the stove or other heat sources.

SERVICE INFORMATION

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

Have the following information readily available.

- Model number
- Serial number
- Date purchased
- Name of dealer from whom purchased

Clearly describe the problem that you are having. 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 1-888-VIKING1 (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 number for your refrigerated drawer is located on the front of the unit at the base of the door frame.

Model Number _____ Serial Number _____

Date of Purchase _____ Date Installed _____

Dealer's Name _____

Address _____

If service requires installation of parts, use only authorized parts to ensure protection under the warranty.
This manual should remain with the refrigerated drawer for future reference.

UNDERCOUNTER/FREESTANDING REFRIGERATED DRAWER WARRANTY

(Units certified for Indoor Use)

TWO YEAR FULL WARRANTY

Undercounter/freestanding refrigerated drawers and all of their components and accessories, except as detailed below*, are warranted to be free from defects in material or workmanship under normal household use for a period of two (2) years 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.

*Painted and decorative items are warranted to be free from defective materials or workmanship for a period of ninety (90) days from the date of original retail purchase. ANY DEFECTS MUST BE REPORTED TO THE SELLING DEALER WITHIN NINETY (90) DAYS FROM DATE OF ORIGINAL RETAIL PURCHASE.

SIX YEAR FULL WARRANTY

Any sealed refrigeration system component, as listed below, is warranted to be free from defective materials or workmanship in normal household use during the third 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

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.

NINETY (90) DAY RESIDENTIAL PLUS WARRANTY This warranty applies to applications where use of the product extends beyond normal residential use. Examples are, but not limited to, bed and breakfasts, fire stations, private clubs, churches, etc. This warranty excludes all commercial locations such as restaurants, food service locations and institutional food service locations.

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.

This warranty shall apply to products purchased and located in the United States and Canada. Products must be purchased in the country where service is requested. Warranty labor shall be performed by an authorized Viking Range Corporation service agency or representative. Warranty shall not apply to damage resulting from abuse, accident, natural disaster, loss of electrical power to the product for any reason, alteration, improper installation, improper operation or repair or service to the product by anyone other than an authorized Viking Range Corporation service agency or representative. Warranty shall not apply to damage resulting from indoor units being used in outdoor situations. This warranty does not apply to commercial usage. Warrantor is not responsible for consequential or incidental damage whether arising out of breach of warranty, breach of contract, or otherwise. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Owner shall be responsible for proper installation, providing normal care and maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. If the product or one of its component parts contains a defect or malfunction during the warranty period, after a reasonable number of attempts by the warrantor to remedy the defects or malfunctions, 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. Warrantor's liability on any claim of any kind, with respect to the goods or services covered hereunder, shall in no case exceed the price of the goods or service or part there of which gives rise to the claim.

WARRANTY SERVICE: 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. To obtain warranty service, contact the dealer from whom the product was purchased, an authorized Viking Range Corporation service agent, or Viking Range Corporation. Provide model and serial number and date of original purchase. For the name of your nearest authorized Viking Range Corporation service agency, call the dealer from whom the product was purchased or Viking Range Corporation. **IMPORTANT:** Retain proof of original purchase to establish warranty period.

The return of the Owner Registration Card is not a condition of warranty coverage. You, however, should return the Owner Registration Card so that Viking Range Corporation can contact you should any question of safety arise which could affect you.

Any implied warranties of merchantability and fitness applicable to the above described undercounter refrigerated drawer are limited in duration to the period of coverage of the applicable express written limited warranties set forth above. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may also have other rights which may vary from jurisdiction to jurisdiction.

Specifications subject to change without notice.

**UNDERCOUNTER/FREESTANDING REFRIGERATED DRAWER WARRANTY
(Units certified for Outdoor Use)**

ONE YEAR FULL WARRANTY

Built-in/freestanding undercounter refrigerated drawers and all of their components and accessories, except as detailed below*, are warranted to be free from defects in material or workmanship under normal household use for a period of one (1) 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.

*Painted and decorative items are warranted to be free from defective materials or workmanship for a period of ninety (90) days from the date of original retail purchase. ANY DEFECTS MUST BE REPORTED TO THE SELLING DEALER WITHIN NINETY (90) DAYS FROM DATE OF ORIGINAL RETAIL PURCHASE.

FIVE YEAR LIMITED WARRANTY

Any sealed refrigeration system component, as listed below, is warranted to be free from defective materials or workmanship in normal household use during the second through the fifth 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

It is recommended that in temperatures above 100°F (37.8°C) and below 40°F (4.4°C) the unit be shut off. The normal operating range for the unit is between 60°F (15.6°F) and 100°F (37.8°C).

NINETY (90) DAY RESIDENTIAL PLUS WARRANTY This warranty applies to applications where use of the product extends beyond normal residential use. Examples are, but not limited to, bed and breakfasts, fire stations, private clubs, churches, etc. This warranty excludes all commercial locations such as restaurants, food service locations and institutional food service locations.

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.

This warranty shall apply to products purchased and located in the United States and Canada. Products must be purchased in the country where service is requested. Warranty labor shall be performed by an authorized Viking Range Corporation service agency or representative. Warranty shall not apply to damage resulting from abuse, accident, natural disaster, loss of electrical power to the product for any reason, alteration, improper installation, improper operation or repair or service to the product by anyone other than an authorized Viking Range Corporation service agency or representative. Warranty shall not apply to damage resulting from indoor units being used in outdoor situations. This warranty does not apply to commercial usage. Warrantor is not responsible for consequential or incidental damage whether arising out of breach of warranty, breach of contract, or otherwise. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Owner shall be responsible for proper installation, providing normal care and maintenance, providing proof of purchase upon request, and making the appliance reasonably accessible for service. If the product or one of its component parts contains a defect or malfunction during the warranty period, after a reasonable number of attempts by the warrantor to remedy the defects or malfunctions, 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. Warrantor's liability on any claim of any kind, with respect to the goods or services covered hereunder, shall in no case exceed the price of the goods or service or part there of which gives rise to the claim.

WARRANTY SERVICE: 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. To obtain warranty service, contact the dealer from whom the product was purchased, an authorized Viking Range Corporation service agent, or Viking Range Corporation. Provide model and serial number and date of original purchase. For the name of your nearest authorized Viking Range Corporation service agency, call the dealer from whom the product was purchased or Viking Range Corporation. **IMPORTANT:** Retain proof of original purchase to establish warranty period.

The return of the Owner Registration Card is not a condition of warranty coverage. You, however, should return the Owner Registration Card so that Viking Range Corporation can contact you should any question of safety arise which could affect you.

Any implied warranties of merchantability and fitness applicable to the above described undercounter refrigerated beverage center are limited in duration to the period of coverage of the applicable express written limited warranties set forth above. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific rights, and you may also have other rights which may vary from jurisdiction to jurisdiction.

Specifications subject to change without notice.

