



Owner's Manual for models:

<b>Glass Door Merchandiser Refrigerators</b>	EMGR5, EMGR8, EMGR10, EMGR20, EMGR24(B) EMSGR33, EMSGR48, EMSGR69 EMGR33(B), EMGR48(B), EMGR69(B)
<b>Chromatography Refrigerators</b>	EMGR24C, EMGR33C, EMGR48C, EMGR69C EMSGR33C, EMSGR48C, EMSGR69C

A Step Above the Standard



Thank you for choosing EVEREST

# Safety Notices

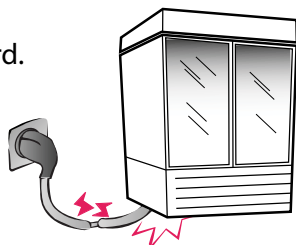


**E** REFRIGERATION  
**U** ER EST

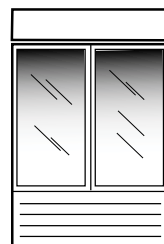


**WARNING -** When using your appliance, always follow basic precautions, including the following :

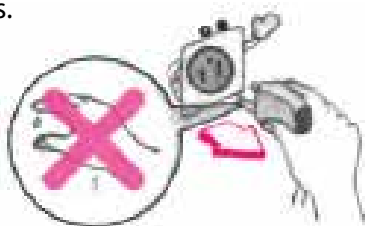
When installing the unit, be careful that the electrical cord is not under the unit or pressed against the wall. This could cause a damage to the cord.



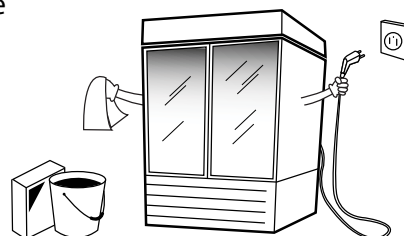
Before starting the unit for the first time, make sure the unit is free from all packaging. Packaging left on the unit during operation may cause a fire hazard.



To prevent electrical shock, please do not plug or unplug the cord with wet hands.



Before cleaning or maintaining the unit, please unplug it. Do not use any flammable cleaning products on or around the unit.



Install the unit on a hard and level surface.



Please do not hang or climb on the unit as this may cause the unit to fall.



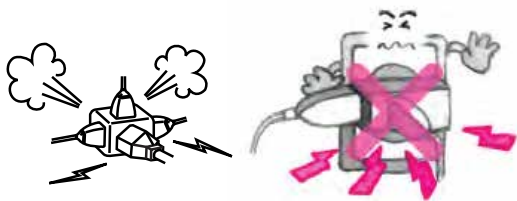
If you suspect a refrigerant leak, unplug the unit and immediately contact an authorized service technician.





**WARNING -** Read and follow all safety notices in this installation guide. These notices provide helpful safety and efficient operation information. Failure to do so may lead to serious injury and / or damage to the unit.

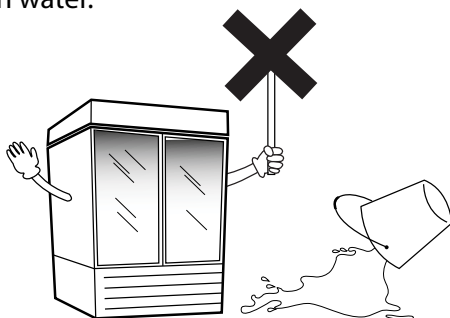
To minimize shock and fire hazards, be sure not to overload the outlet into which the unit is plugged into. A dedicated circuit of sufficient amperage is required.



To prevent damage to the electrical components, have the unit plugged in directly to its own circuit. EVEREST is not responsible for any damage caused by improper electrical connections resulting from electrical power failure, use of extension cords & surge protectors, and any voltage drops to the unit.



To prevent electrical shock and malfunction, do not spray the unit with water.



Clean the pronges of the electrical plug with a soft cloth or brush before plugging it into an electrical receptacle to prevent a fire hazard.



When it is time to salvage the unit, make sure to remove the rubber gaskets from the doors to prevent the risk of children or animals getting trapped inside the unit.



To prevent electrical shock and damage to the electrical cord, please hold the plug head when plugging and unplugging the unit.



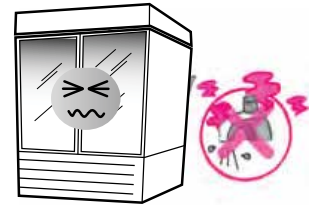
Do not use the electrical cord or plug if they are damaged in any way.



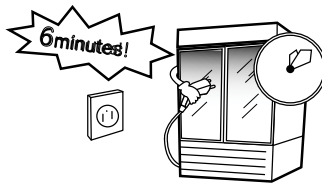
Do not put your hands under the unit when moving it. You could be injured by sharp edges, protruding parts, crushing, etc.



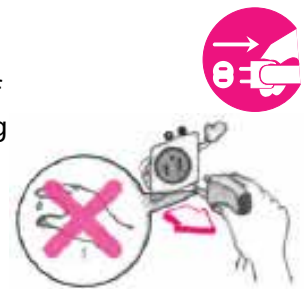
Avoid installing the unit where it could be exposed to water or moisture.



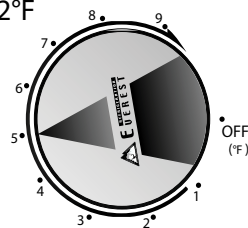
After unplugging the unit, please wait at least 6 minutes before re-plugging it in. Failure to do so could cause extensive damage to the compressor.



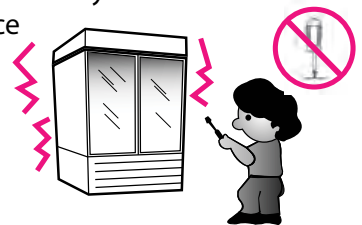
If the unit will not be used for an extended period of time, please unplug it from the outlet.



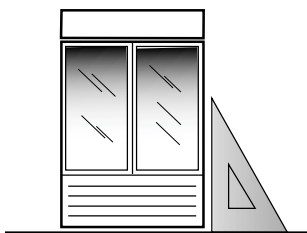
The refrigerator compartment's temperature should be set from 32°F~42°F (See page 9). Setting the temperature out of the recommended ranges will void the unit's warranty.



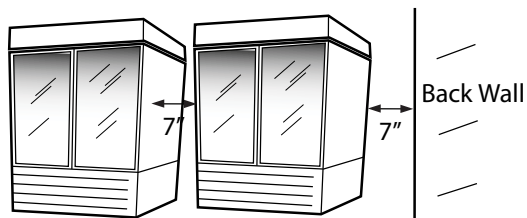
Please do not attempt to remove or repair any components unless you are an authorized service technician.



Install the unit on a hard and level surface or the unit could produce undesired noises.

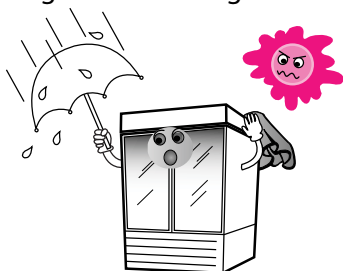


The unit should be positioned at least 7" away from the wall for proper ventilation.



## Indoor Use Only

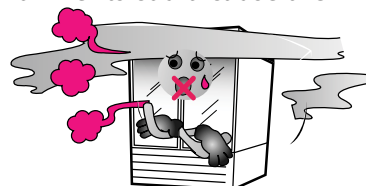
Outdoor use may cause a decrease in performance and significant damage to the unit.



## Dusty and High Humidity Areas

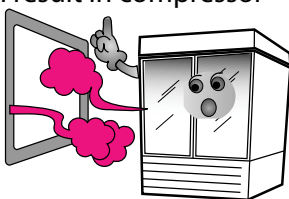
Dusty environments will cause the condenser coil to prematurely clog which will require it to be cleaned more often.

High humid environments could cause the unit to rust.



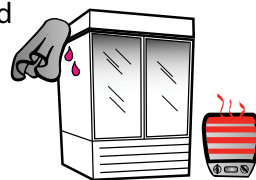
## Do not build an enclosure or cabinet around the unit.

Restricting the airflow around the unit's condenser area will cause the compressor to work harder, which can result in compressor failure and the unit not being able to maintain the desired temperature.

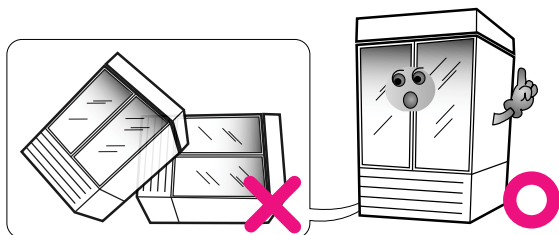


## Select a location away from other heat and moisture generating equipment such as stoves, ovens, dish washers, etc.

High ambient temperatures cause the compressor to work harder, which can result in compressor failure and the unit not being able to maintain the desired temperature.

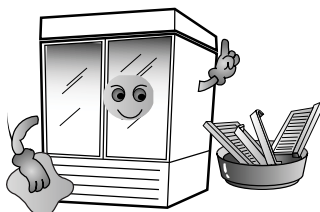


Keep the unit upright at all times during delivery. Tilting the unit during delivery will cause harm to the refrigeration system.



## Shelf Cleaning

Periodically remove the shelves from the unit and clean them with mild soap and warm water.



## Door Gasket Cleaning

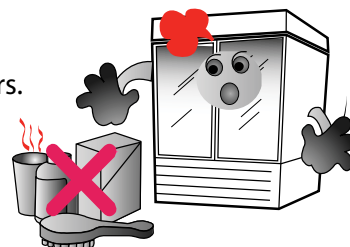
To preserve the life span of the door gasket clean the gasket with mild soap and water on a regular basis.

### Dry Rag



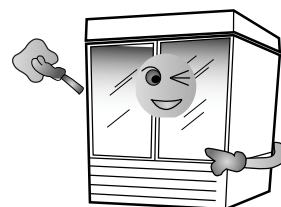
## Do not use the following products when cleaning

Clean the exterior of product with mild soap and warm water. Never use steel wool, strong acids, abrasive cleaners or degreasers. Acidic products and products containing vinegar must be stored in sealed containers to prevent acid damage to the interior of the unit and the evaporator coil. (Rust resulting from the lack of or improper maintenance will not be covered under warranty.)



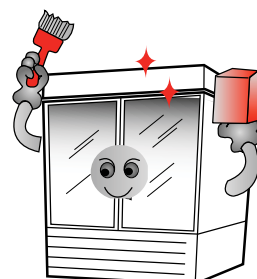
## Interior Cleaning

Clean the interior surface of the unit with mild soap and warm water. Do not let water accumulate inside the unit. To prevent water damage, wipe the interior of the unit with a dry cloth as needed. Do not use abrasive cleaners, concentrated detergents, bleaches, cleaning waxes, solvents or polishes to clean the interior of the unit.

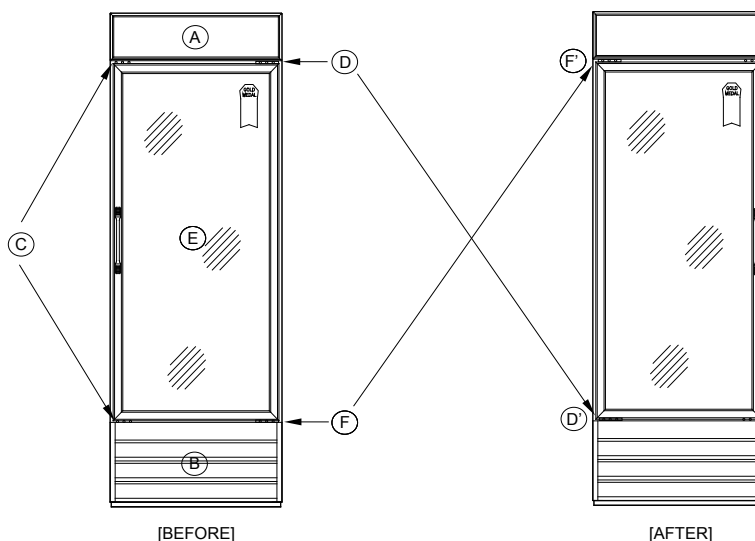


## Condenser Coil Cleaning


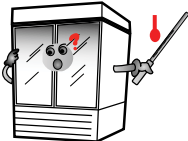





Poor condensing unit performance is caused by heavy dust build-up on the condenser coil. The condenser coil should be cleaned monthly. Shine a flashlight through the condenser coil to check for dirt between the fins. Clean the outside of the condenser with a soft brush or a vacuum with a brush attachment. The condenser coil should be cleaned in the direction of the fins, top to bottom, not side to side. Be careful not to bend the fins. Detailed instructions of this procedure can be found on page 11 in this manual.



1. The front top signboard (A) and front bottom grill (B) must be removed to access the door hinge mounting screws. Remove the front top signboard by removing the 3 screws which attach it on the top and the 2 screws which attach on the bottom.
2. Remove the front bottom grill by removing the 2 screws on the bottom of the grill and to either side which attach it to the unit. Once the screws are removed, the front bottom grill slides down for removal.
3. Remove the 6 screws (C) which are located in the pre-drilled holes used to mount the door hinges on the left door pillar (when facing the unit). 3 screws are for the top hinge and 3 screws are for the bottom hinge.
4. Before the door can be removed, the tension stored in the top and bottom of the doors' self closing springs must be safely released. To release the tension in the springs, insert a rigid object into one of the door spring shaft's unoccupied tension lock screw holes. Gently turn the door spring shaft until you can easily unscrew the tension lock screw. Remove the tension lock screw. Slowly remove the rigid object which was inserted into one of the spring shaft's unoccupied tension lock screw holes. When the rigid object clears the hole, the door spring will release the stored tension and the door spring shaft will spin violently. Remember that there are two springs, the top and the bottom, whose tensions must be released.
5. Have a second person secure and hold the door against the unit while the top hinge is removed.
6. Remove the top hinge (D) by removing the 3 screws securing it.
7. Remove the door (E) by lifting it until the bottom clears the bottom hinge. Ensure that the top and bottom springs and springs' shafts do not fall out.
8. Remove the bottom hinge (F) by removing the 3 screws securing it.
9. The right top hinge (D) becomes the left bottom hinge (D'). Install the right top hinge into the left bottom position using 3 screws. Ensure that the door hinge pins are facing up.
10. Flip the door over so that the hinged part is on the left side, when facing the door.
11. Install the door onto the bottom door hinge. The longer of the two pins pointing upward should be inserted into the bottom spring shaft.
12. Have a second person secure and hold the door against the unit while the top hinge is installed.
13. The right bottom hinge (F) becomes the left top hinge (F'). Install the left top hinge onto the door. The two pins on the door hinge should be facing down and the longer of the two inserted into the top door spring shaft.
14. Secure the top hinge to the unit using 3 screws.
15. The door should now be secured to the unit. Ensure that the door is secured before proceeding.
16. Tension must be added to the doors' springs for the self closing action to work. Using two rigid objects that can be inserted into the door springs' unoccupied door spring shaft tension lock screw holes, turn the shaft counterclockwise, when viewing the shaft from a birds eye perspective. 2 to 3 rotations of tension should be added.
17. Install the tension lock screw into the door spring shaft once tension has been added. Remember that steps 19 and 20 must be completed for both the top and bottom springs.



Please check the following before requesting service.

	Symptom	Possible Solutions
	Condensing unit fails to start	<ul style="list-style-type: none"> <li>a. Ensure the electrical cord has been connected.</li> <li>b. Ensure the unit is turned on.</li> </ul>
	Cabinet does not maintain proper temperature	<ul style="list-style-type: none"> <li>a. Check the door gaskets for proper seal.</li> <li>b. Check to see if the temp. control setting is too high, then adjust as necessary.</li> <li>c. Avoid installing the unit next to heat generating equipment and direct sunlight.</li> <li>d. Avoid storing hot contents.</li> <li>e. Ensure the doors are fully closed.</li> </ul>
	Refrigerated compartment is too cold	<ul style="list-style-type: none"> <li>a. Adjust the temperature control to a warmer setting.</li> </ul>
	Noisy operation	<ul style="list-style-type: none"> <li>a. Check for loose parts.</li> <li>b. Check for tubing rattle.</li> <li>c. Check for a bent fan blade.</li> <li>d. Check for damaged fan motor bearings.</li> <li>e. Ensure the unit is stable.</li> <li>f. Ensure the cabinet is level.</li> </ul>
	Condensation on the exterior surface	<ul style="list-style-type: none"> <li>a. Condensation on the exterior surface of the unit is perfectly normal during periods of high humidity.</li> <li>b. Check door alignment and gaskets for proper seal.</li> </ul>
	Sound of water dripping	<ul style="list-style-type: none"> <li>a. This is the sound of the refrigerant circulating during the compressor rest period and it is normal.</li> </ul>
	Condensation on the interior	<ul style="list-style-type: none"> <li>a. Condensation can occur during hot and humid weather with frequent or prolonged door opening. This is normal.</li> <li>b. The doors might not be closed properly. Check door alignment and for proper seal.</li> </ul>

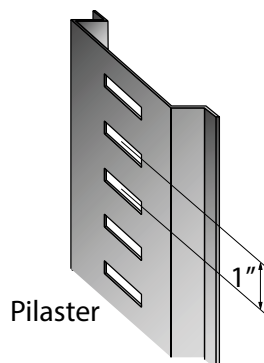
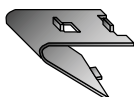


## Shelves

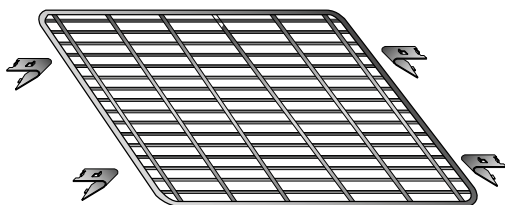
The unit's shelves are adjustable so that the refrigerated compartment can be configured to suit your needs.

The shelf clip pilasters are spaced and labeled in 1" increments for your convenience.

Shelf Clip



To install a shelf, hook the shelf clips into the pilasters by inserting the top part of the clips first and then the bottom. Each shelf requires 4 clips.



To remove a shelf, start by unloading the shelf. Second, remove the shelf itself. Finally, remove the shelf clips by tilting them up and allowing the bottom of the clip to come out first and then remove the top part of the clip from the pilaster.



**Warning** – Never attempt to adjust a shelf when loaded!

# Specifications



**EVEREST** REFRIGERATION

Model	EMGR5	EMGR8	EMGR10
Capacity(Cu.Ft.)	5	8	10
Door	1 (Swing)	1 (Swing)	1 (Swing)
Shelves	2	2	3
Compressor (HP)	1/5	1/4	1/4
Power (V-Hz-Ph)	115-60-1	115-60-1	115-60-1
Temp. Range(F)	32 ~ 42	32 ~ 42	32~ 42
Refrigerant	R-134A	R-134A	R-134A
Crated Weight(LBS)	186	199	230
Amps(A)	4.60	3.45	3.45
Dimensions (W x D* x H inches)	25 x 24 3/4 x 35 7/8	24 x 24 3/8 x 54	24 x 24 3/8 x 63

Model	EMGR20	EMGR24(B)	EMGR33(B)	EMSGR33
Capacity(Cu.Ft.)	20	24	33	33
Door	1 (Swing)	1 (Swing)	2 (Sliding)	2 (Swing)
Shelves	4	4	8	8
Compressor (HP)	1/3	1/3	1/3	1/3
Power (V-Hz-Ph)	115-60-1	115-60-1	115 -60-1	115-60-1
Temp. Range(F)	32 ~ 42	32 ~ 42	32~ 42	32 ~ 42
Refrigerant	R-134A	R-134A	R-134A	R-134A
Crated Weight(LBS)	304	327	410	414
Amps(A)	5.50	5.50	10.40	10.40
Dimensions (W x D x H inches)	26 3/8 x 30 3/4* x 78 7/8	28 3/8 x 32* x 78 7/8	39 3/8 x 30 3/4 x 78 7/8	39 3/8 x 32* x 78 7/8

Model	EMGR48(B)	EMSGR48	EMGR69(B)	EMSGR69
Capacity(Cu.Ft.)	48	48	69	69
Door	2 (Sliding)	2 (Swing)	3 (Sliding)	3 (Swing)
Shelves	8	8	12	12
Compressor (HP)	1/2	1/2	1/2	1/2
Power (V-Hz-Ph)	115-60-1	115-60-1	115-60-1	115-60-1
Temp. Range(F)	32 ~ 42	32 ~ 42	32 ~ 42	32 ~ 42
Refrigerant	R-134A	R-134A	R-134A	R-134A
Crated Weight(LBS)	520	533	698	698
Amps(A)	10.40	10.40	11.00	11.00
Dimensions (W x D x H inches)	53 1/8 x 30 3/4 x 78 7/8	53 1/8 x 32* x 78 7/8	72 7/8 x 30 3/4 x 78 7/8	72 7/8 x 32* x 78 7/8

[NOTE]

\*Ext. depth dimension does not include 1 1/2" for door handles.

Specifications subject to change without notice.

# Specifications & Temperature Setting



**EVEREST** REFRIGERATION

Model	EMGR24C	EMGR33C	EMGR48C	EMGR69C
Capacity(Cu.Ft.)	24	33	48	69
Door	1 (Swing)	2 (Sliding)	2 (Sliding)	3 (Sliding)
Shelves	4	8	8	12
Compressor (HP)	1/3	1/3	1/2	1
Power (V-Hz-Ph)	115-60-1	115-60-1	115 -60-1	115-60-1
Temp. Range(F)	32 ~ 42	32 ~ 42	32~ 42	32 ~ 42
Refrigerant	R-134A	R-134A	R-134A	R-134A
Crated Weight(LBS)	327	410	520	668
Amps(A)	5.50	10.40	10.40	11.00
Dimensions (W <sup>†</sup> x D x H inches)	28 3/8 x 32* x 78 7/8	39 3/8 x 30 3/4 x 78 7/8	53 1/8 x 30 3/4 x 78 7/8	72 7/8 x 30 3/4 x 78 7/8

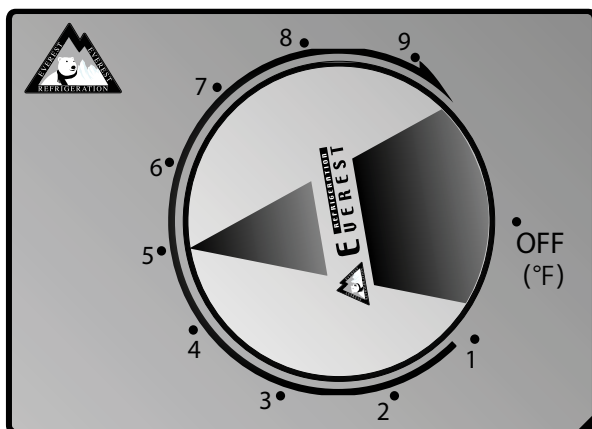
Model	EMSGR33C	EMSGR48C	EMSGR69C
Capacity(Cu.Ft.)	33	48	69
Door	2 (Swing)	2 (Swing)	3 (Swing)
Shelves	8	8	12
Compressor (HP)	1/3	1/2	1
Power (V-Hz-Ph)	115-60-1	115-60-1	115-60-1
Temp. Range(F)	32 ~ 42	32 ~ 42	32~ 42
Refrigerant	R-134A	R-134A	R-134A
Crated Weight(LBS)	414	533	698
Amps(A)	10.40	10.40	11.00
Dimensions (W <sup>†</sup> x D* x H inches)	39 3/8 x 32 x 78 7/8	53 1/8 x 32 x 78 7/8	72 7/8 x 32 x 78 7/8

[NOTE]

\* Ext. depth dimension does not include 1 1/2" for door handles.

† Ext. length does not include protruding access ports.

Specifications subject to change without notice.

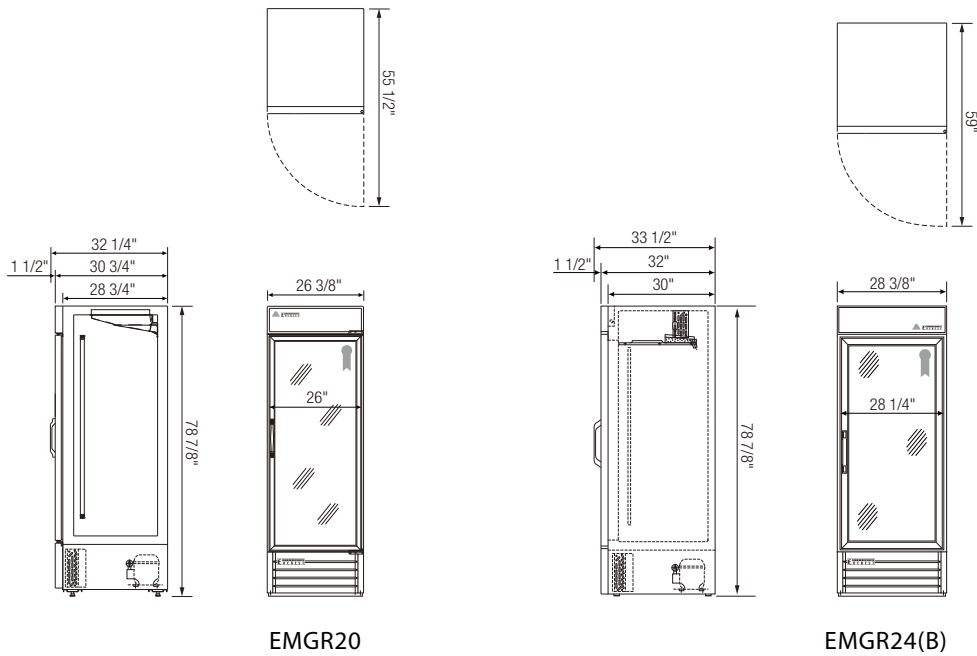
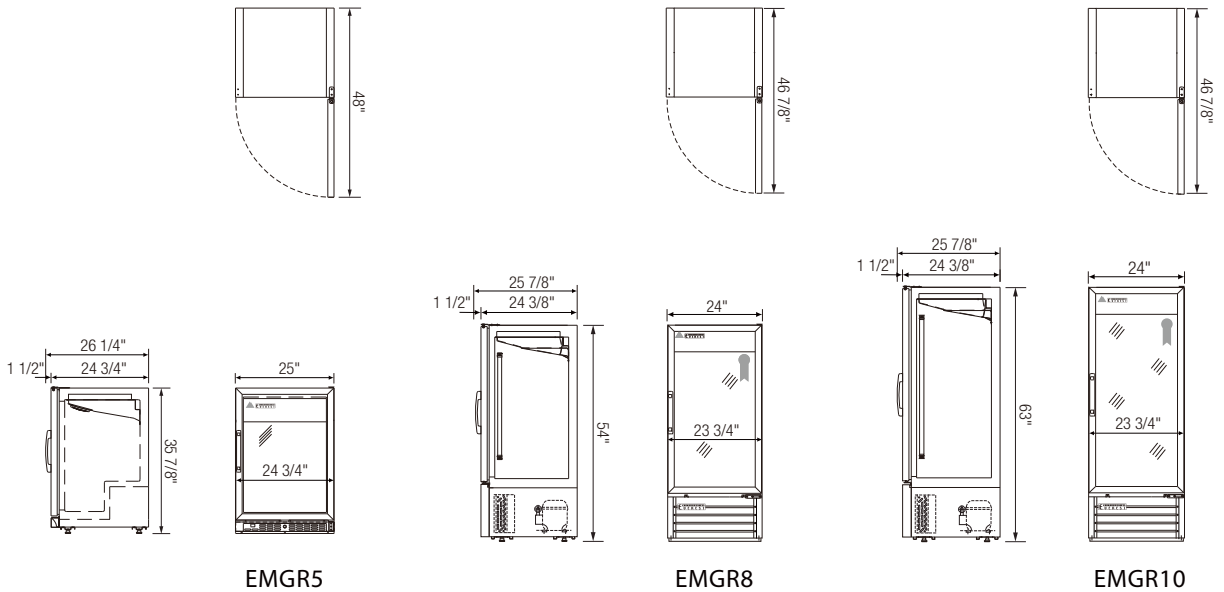


## [Temperature Setting Range]

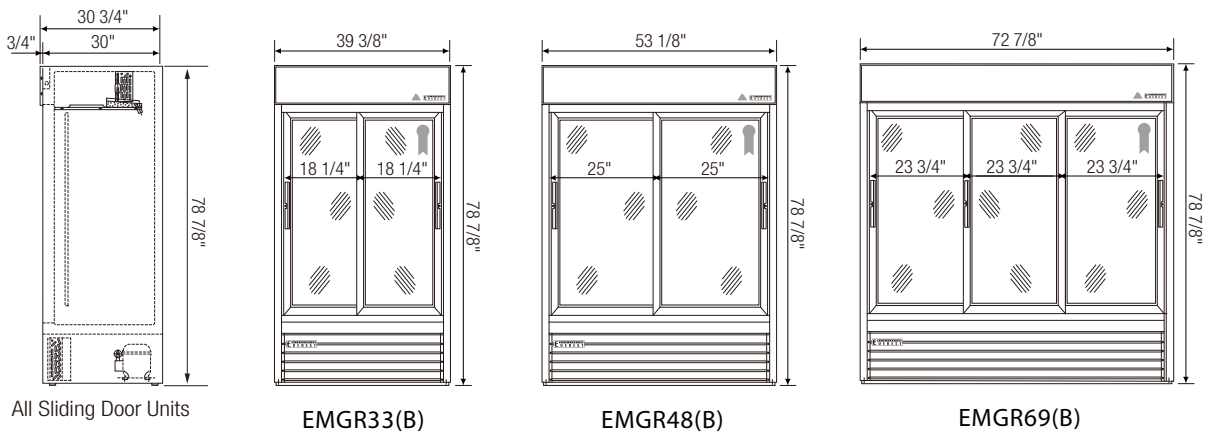
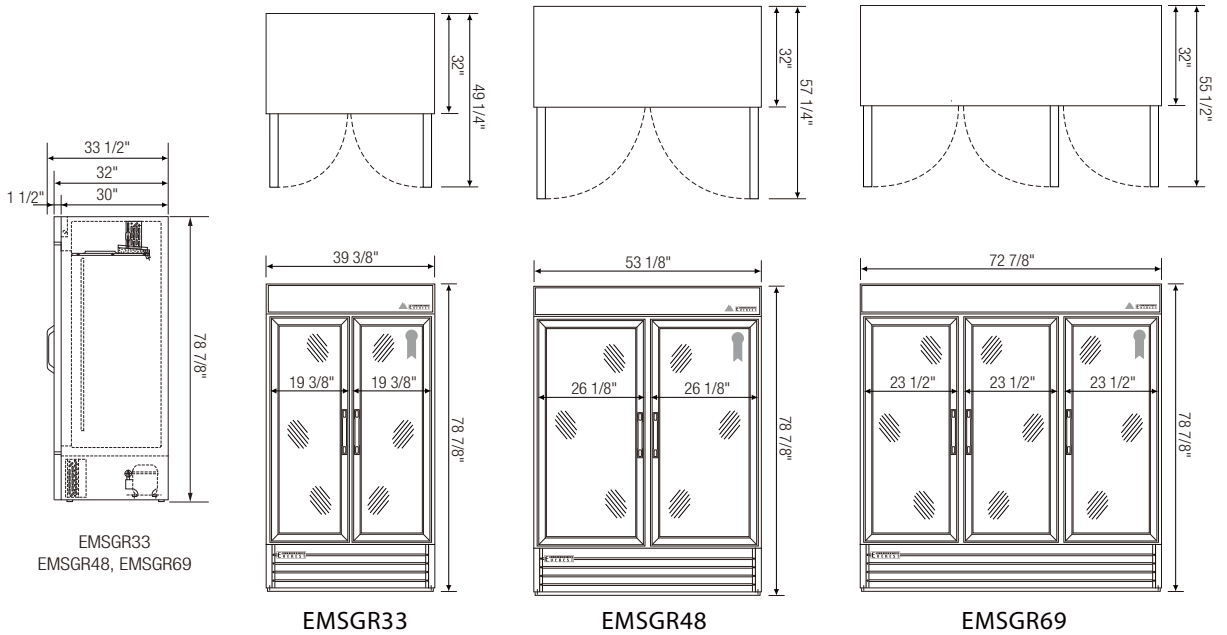
Setting Range	Comp.	REF (°F)
1 ~ 3	On	48
	Off	41
3 ~ 5	On	39
	Off	31
6 ~ 9	On	30
	Off	21

• Factory Recommended Setting: "5"

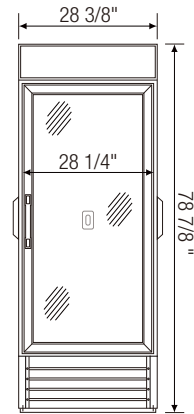
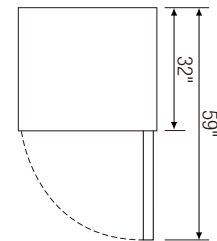
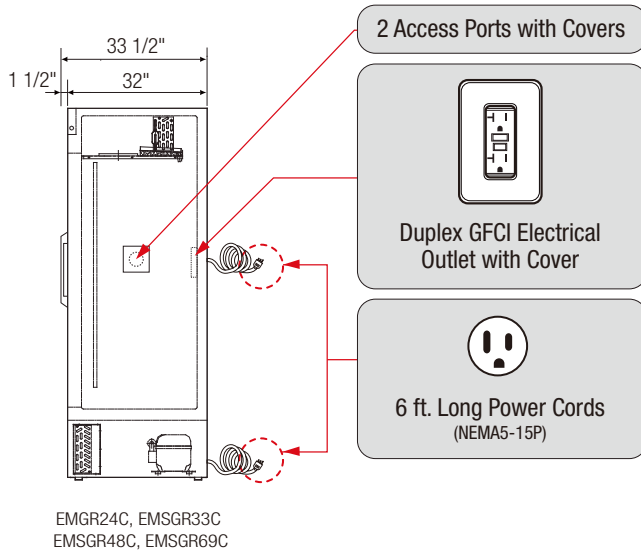
## Glass Door Merchandiser Refrigerators



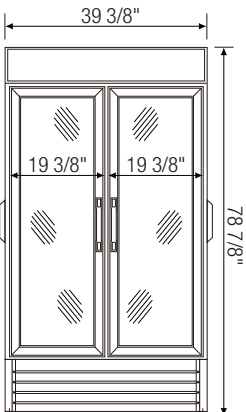
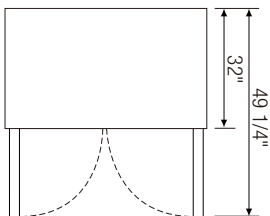
## Glass Door Merchandiser Refrigerators



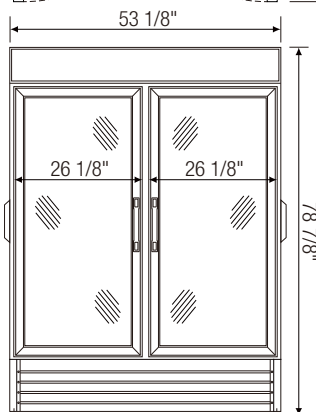
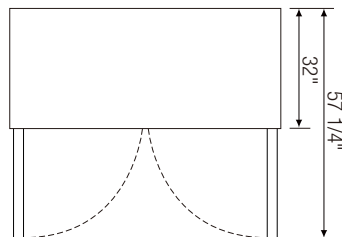
## Chromatography Refrigerators



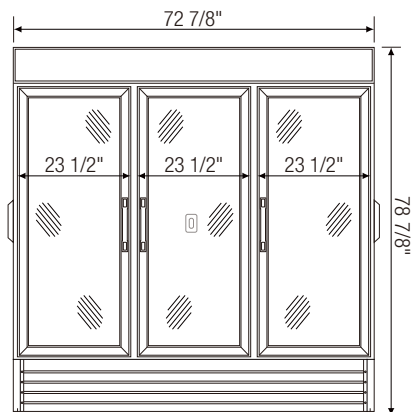
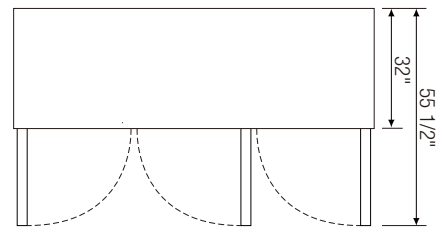
EMGR24C



EMSGR33C

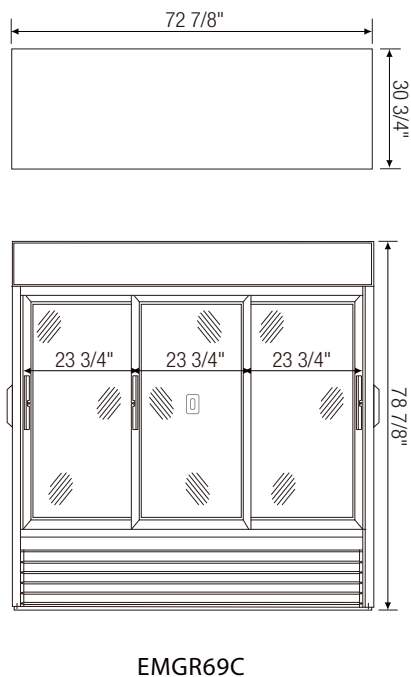
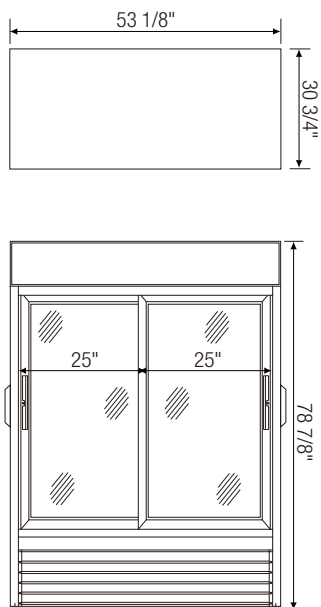
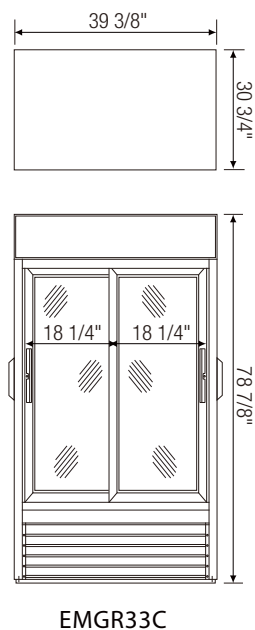
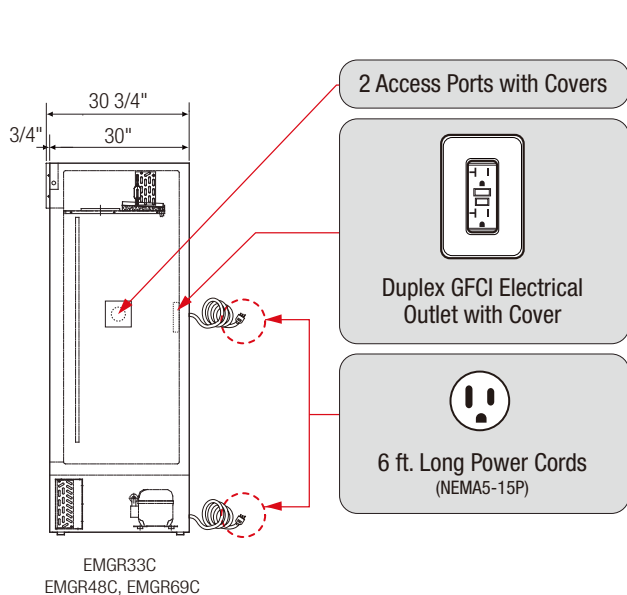


EMSGR48C



EMSGR69C

## Chromatography Refrigerators





## CONDENSER COIL MAINTENANCE

Failure to maintain a clean condenser coil will eventually result in compressor failure and product loss.

Mechanical failures due to a lack of or improper maintenance are not covered under warranty.

Keeping the condenser coil clean will maximize energy savings.

Cleaning of the condenser coil is part of regular maintenance and is not covered under warranty.

## CONDENSER COIL CLEANING PROCEDURE

Please use the following steps to clean the condenser coil. If you have any questions regarding this procedure, please call the Everest customer service department at (800) 444-6285.

1. Unplug the unit from the wall.
2. Remove the front bottom grill. It is attached with Philips head screws.
3. Clean the condenser coil using a vacuum or brush. The fins of the condenser coil should only be cleaned and swept in the direction of the fins, which is up and down. Be careful not to bend the fins.
4. In some instances, the condenser coil may require professional cleaning due to a buildup of grease and dust. In this case, contact a local refrigeration company to take care of this for you.
5. Ensure no tools or parts have been left in the condensing unit area.
6. Replace the front bottom grill.

The warranty card below must be submitted to Everest within thirty (30) days of purchase.

## WARRANTY REGISTRATION CARD

Business Name : \_\_\_\_\_ Telephone : ( \_\_\_\_\_ ) \_\_\_\_\_

Address : \_\_\_\_\_

City : \_\_\_\_\_ State : \_\_\_\_\_ Zip : \_\_\_\_\_

Place of Purchase : \_\_\_\_\_ Date Purchased : \_\_\_\_\_ Date Installed : \_\_\_\_\_

Model No : \_\_\_\_\_ Cabinet Serial No : \_\_\_\_\_

## 3 YEAR PARTS and LABOR WARRANTY

(Applicable to units purchased after July 1, 2014.)

## 5 YEAR COMPRESSOR WARRANTY

Name of Business Owner : \_\_\_\_\_ Date : \_\_\_\_\_

Signature of Business Owner : \_\_\_\_\_





## EVEREST LIMITED WARRANTY

EVEREST warrants to the original purchaser of every new EVEREST unit, the cabinet and all parts thereof, to be free from defects in material or workmanship, under normal and proper use and maintenance service as specified by EVEREST and upon proper installation and start-up in accordance with the instruction packet supplied with each unit. Our obligation under this warranty is limited to a period of three (3) years from the date of original installation or thirty six (36) months after shipment date from EVEREST, whichever ever occurs first. This is applicable to units purchased after July 1, 2014. Any part covered under this warranty that is determined by EVEREST to have been defective within three (3) years of original installation or thirty six (36) months after shipment date from the manufacturer, whichever ever occurs first, is limited to the repair or replacement, including labor charges, of defective parts or assemblies. The labor warranty shall include standard straight time labor charges only and reasonable travel time, as determined by EVEREST.

## WARRANTY CLAIMS

All warranty claims for labor or parts must be made directly through EVEREST. All claims shall include: unit model number, cabinet serial number, proof of new product purchase, installation date, and all pertinent information related to the alleged defect. For compressor warranty claims, the compressor tag shall be returned to EVEREST with the above listed information.

## WARRANTY EXCLUSIONS

EVEREST's sole obligation under this warranty is limited to either the repair or replacement of parts, subject to the additional limitations below. This warranty neither assumes nor authorizes any person to assume obligations other than those expressly covered by this warranty.

### A. NON WARRANTY PARTS

EVEREST excludes specific parts exposed to normal wear and tear. These parts include, but are not limited to, lamps, gaskets, casters, shelves and shelf clips, pans, bin and pan dividers and airflow guards.

### B. INDIRECT OR CONSEQUENTIAL DAMAGE

EVEREST does not warrant economic loss, profit loss, or special, indirect or consequential damages including without limitation, losses or damages arising from food or product spoilage claims caused by refrigeration failure.

### C. IMPROPER USAGE

EVEREST is not responsible for parts or labor coverage for component failure and or other damages resulting from improper usage, installation or failure to clean and/or maintain product as set forth in the user's manual provided with this unit. All EVEREST products are designed for commercial usage, not for residential use. Therefore, the warranty will not be honored if product is installed in a residential house.

### D. WARRANTY IS NOT TRANSFERABLE

Warranty is limited to only the original purchaser/user to whom delivered. It is not transferable.

### E. ALTERATION, NEGLIGENCE, MISUSE, ABUSE, ACCIDENT, DAMAGE DURING TRANSIT OR INSTALLATION, FIRE, FLOOD, ACTS OF GOD.

EVEREST is not responsible for malfunctions due to alteration, neglect, misuse, abuse, accident, damage during transit or installation, fire, flood, storm, and/or other acts of God. And EVEREST is not responsible for any improper electrical connections resulting from electrical power failure, the use of extension cords, and low voltage or voltage drops to the unit.

### F. UNAUTHORIZED MODIFICATION

EVEREST is not responsible for the repair or replacement of failed or damaged components resulting from unauthorized modifications to units or the use of non-standard parts without prior written approval from EVEREST.

### G. RESIDENTIAL, NON-COMMERCIAL USE

This warranty does not apply to a unit installed in a residential setting. This unit is for commercial use only.

### H. OUTSIDE THE U.S.

This warranty does not apply to any parts and/or labor warranty claims made on units sold or used outside of the United States.

## ADDITIONAL TWO(2) YEAR COMPRESSOR WARRANTY

In addition to the warranty set forth above, EVEREST warrants the hermetically sealed compressor for an additional two (2) years, not to exceed sixty (60) months from the date of shipment from EVEREST, provided upon receipt of the compressor, manufacturer examination shows the sealed compressor to be defective. This compressor warranty does not apply to shipping or labor costs or any other parts of the unit whether electrical or mechanical.

These warranties are exclusive and in lieu of all other warranties, expressed or implied, and all other obligations or liabilities on our part, and we neither assume nor authorize any other person to assume for us any other obligation or liability in connection with the sale of said refrigeration units or any part thereof.







A Step Above the Standard

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