



GUARDIAN[®]

merchandiser



Product Catalog

DAIRY | DELI | PRODUCE | FRESH MEAT | BEVERAGE | FROZEN FOOD | ICE CREAM



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GUARDIAN[®]

merchandise

CGLC30 • CGMC30

Top Mounted Packaged
Refrigeration Unit (PRU)

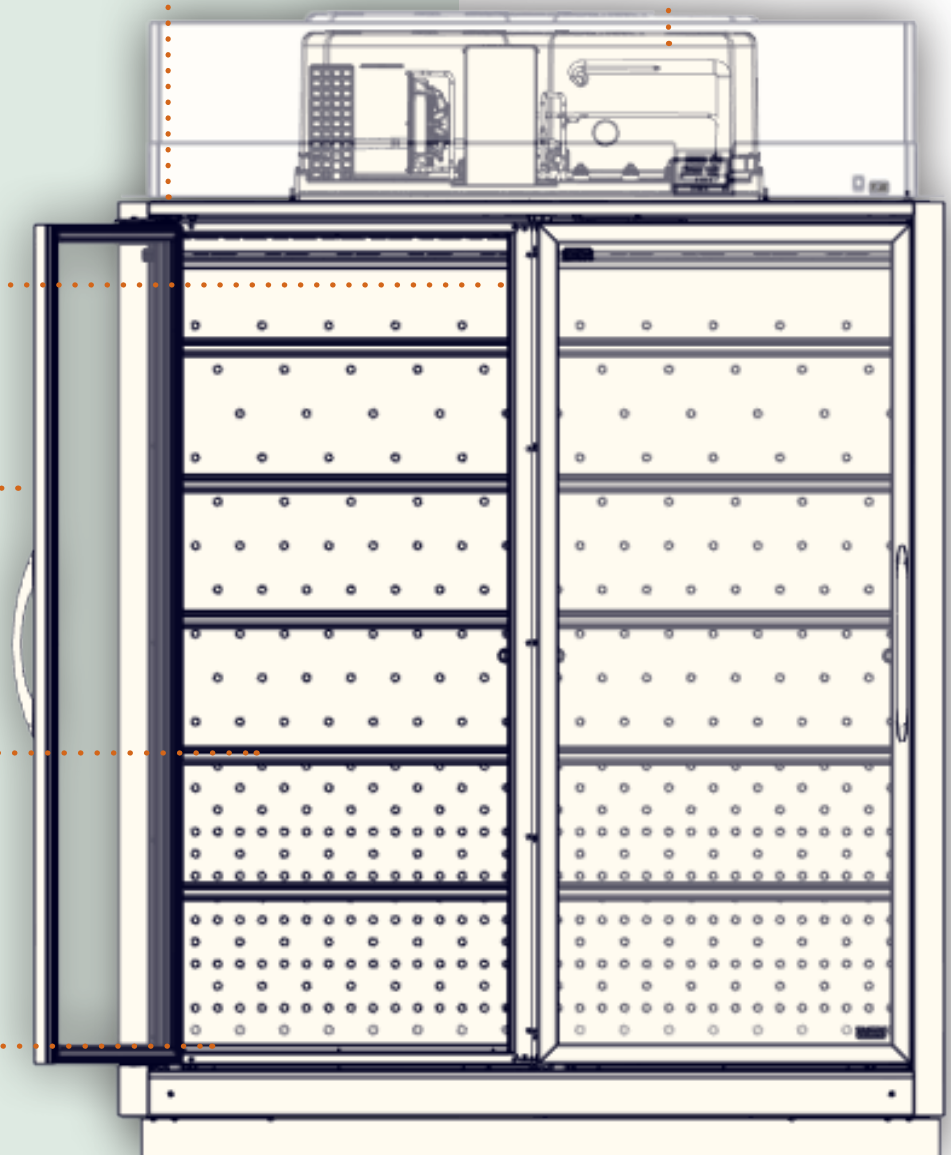
Left Door Swing

6' ChillBrite[®]
4000K LED Lighting

CoolView[®] Envision[®] Doors
30"x68" argon-filled

Five 24" Shelves
(per door)

23.5" Bottom Wire Rack



GUARDIAN®

merchandise

The Guardian® Merchandise is a full sized, self-contained propane solution designed with versatility and efficiency in mind. Ideal for dollar stores and small format retail stores, the Guardian® delivers reliable performance in your store's footprint.

PROPANE

The Guardian® utilizes propane, a zero ozone depleting refrigerant that is highly efficient and a future-proof option.

SELF-CONTAINED

Roof-mounted packaged refrigeration unit (PRU) cools the case, so there is no need for a separate refrigeration system.

PLUG-AND-PLAY

Guide the Packaged Refrigeration Unit (PRU) into its base, bolt it down, & plug it in for quick installation & start up.

FORKLIFTABLE

Forkliftable from either side of the case, our reinforced bottom assembly features steel forklift plates, saving time from unloading the case and streamlining the installation process.





5CGLC30



3CGMC30-P

REVERSE AIRFLOW

Reverse airflow reduces frost on products and doors, ensuring clear visibility and product integrity.

DOORS

Standard CoolView® Envision® 30" x 68" doors. Designed to resist condensation and sweating.

HANDLES

CoolArc® Crescent™ handles in black.

LIGHTING

ChillBrite® custom-designed 4000K LED lights with equal dispersion.

NATURAL SOLUTION

Genesys® Natural refrigerant solutions now available in R-290 (Propane).

INSTALLATION FRIENDLY

Designed for effortless installation. This case fits through standard 80" doorways and moves easily from truck to store via forklift, streamlining setup.

Features and Options

Interior

	CGLC30	CGMC30
1 Interior Color		
White	STANDARD	STANDARD
2 Lighting		
ChillBrite® 4000K	STANDARD	STANDARD
3 Shelving		
30" x 24" Solid Universal, White (2-position)	STANDARD	STANDARD
4 Price Tag Molding		
White PVC per Shelf & Rack	STANDARD	STANDARD
5 Bottom Wire Rack		
30" x 23.5" w/ 2" Lip, White	STANDARD	STANDARD



5CGMC30-B

STANDARD: basic features & normal lead times

Optional: additional features available & normal lead times

Special: custom features & increased lead time

Doors

6 Door Type

Black

CGLC30

STANDARD

CGMC30

STANDARD

7 Door Handle

Classic™, Black

STANDARD

STANDARD

8 Door Swing

Left | Handle on Right

STANDARD

STANDARD

Exterior

9 Exterior Color

Black ZZ-000

STANDARD

STANDARD

White ZZ-100

Optional

Optional

Filler-to-Wall Panel

12"

Optional

Optional

16" (Seismic)

Optional

Optional

Controls

Electronic Defrost Controller

Dixell XR60

STANDARD

STANDARD

Refrigeration

Refrigeration Connection

Self-Contained

CGLC30

STANDARD

CGMC30

STANDARD

Defrost Type

Hot Gas

STANDARD

STANDARD

Refrigerant

R-290 (Propane)

STANDARD

STANDARD

Electrical

Electrical Service

120V - 1PH - 60HZ

STANDARD

120/208V - 1PH - 60HZ

STANDARD

Other Features

Also Available

Seismic Package

Optional

Optional

STANDARD: basic features & normal lead times

Optional: additional features available & normal lead times

Special: custom features & increased lead time

GUARDIAN[®]

merchandiser
CGLC30 • CGMC30

The Guardian[®] Merchandiser is a full-sized, self-contained propane solution engineered for maximum versatility and operational efficiency. Whether you're outfitting a dollar store, or any small-format retail space, the Guardian[®] adapts seamlessly to your footprint.

Perfect for end caps, remodel stand-ins, and tight merchandising zones, this unit delivers dependable performance without compromising space. Its sleek design and plug-and-play functionality make it an ideal choice for retailers.

From convenience aisles to produce sections, the Guardian[®] is your go-to merchandising solution—where reliability meets retail flexibility.



END CAPS



Perfect for promotional items, grab-and-go products, or seasonal features—this end cap solution boosts product visibility, drives impulse sales, and has a compact design for flexible store placement.

PICKUP



Keeping groceries at the right temperature and neatly sorted, our solutions are easy to install in pickup zones. This enables quick, accurate pickups with minimal wait time for customers.

RENOVATIONS



Great for temporary placement, our solutions keep your merchandise accessible and organized throughout the remodel process. With flexible, quick installation, you can seamlessly transfer cases between stores during renovations.



NOMENCLATURE

The Guardian® Merchandiser is a self-contained display case designed to support a wide range of product categories. Its flexible applications include produce, dairy, deli, beverages, ice cream, fresh meat, and frozen foods, making it a versatile solution for diverse merchandising needs. Featuring CoolView® Envision® doors, the unit offers maximum product visibility with a nearly invisible frame—drawing customer attention directly to your inventory and enhancing the overall shopping experience.

4CGMCC

①

②

① **Number of Doors**
1, 2, 3, 4, 5

② **Type of Case**
C = Self-Contained
G = Guardian® Merchandiser
M/L – Medium or Low Temp
C – Cantilever Shelving



CGLC30



CGMC30

30-B

③ ④

THE
GUARDIAN[®]
merchandise



③ **Door Width in Inches**
30 = 30" Standard Swing

④ **Applications**
B = Beverage
D = Dairy/ Deli
M = Meat
P = Produce

BEHIND THE SHROUD

THE PACKAGED REFRIGERATION UNIT (PRU)

- Less than 80lbs, easy for two people to slide into place using guide rails to ensure positive lock.
- Standard 13" Shroud shipped with every case to conceal the PRU.
- Setting and installation of PRU
 - » No quick connects
 - » Plug 'n play (cord connected)
 - » Self-contained condensate (no field install)



Quick Specs

Energy Usage (5-Door Daily)*
Standard: 14.5 kWh

Merchandising (4-Door)

Facings: 71.8 ft²

Packout: 143.4 ft³ with 30" wide x 24" deep shelves

Features

Go Green

Propane (R-290) is an environmentally friendly and natural refrigerant.

CoolView® Doors

30" wide x 68" tall CoolView® Envision® Doors

LED Lighting

ChillBrite® 4000K LED Lighting

Additional Models

The Guardian® Merchandiser is also available in low temp.

Continuous Lineup

Unlike traditional self-contained display cases, these grocery style merchandisers can be joined to make one continuous lineup.

Guardian® Merchandiser CGMC30 Specs

Medium Temp Reach-In Display Cases

1-Door, 2-Door, 3-Door, 4-Door, and 5-Door Cases

Applications



Beverage



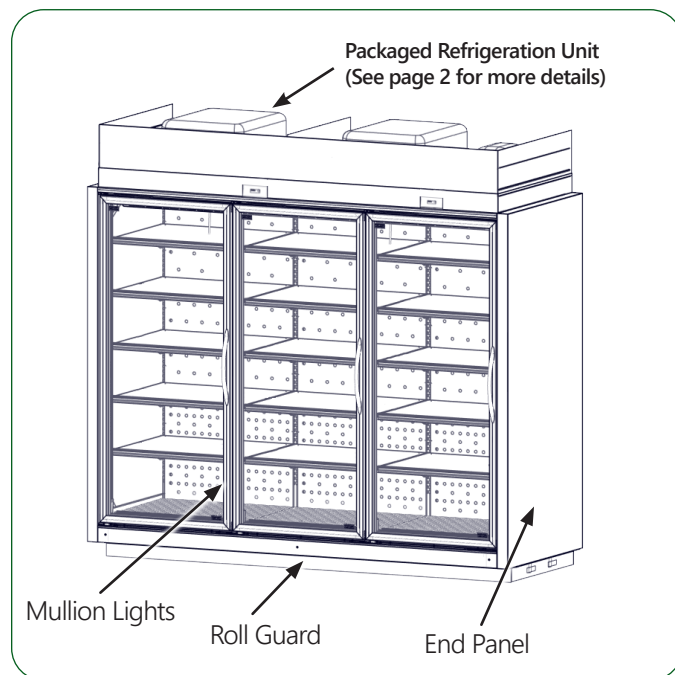
Dairy



Deli



Produce



Manuals and Instructions:
<https://www.zero-zone.com/cglc-cgmc>



Contact Us:

800-247-4496

www.zero-zone.com

Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



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Standard Package

Refrigeration Data	
Number of PRUs	
Refrigerant Charge (g) ¹	
Zero Zone PRU Unit #	
Total Weight of PRU(s) (lbs.) ²	
Electrical & Energy Data ^{3, 4}	
Daily Energy Use (kWh)	
Amps (a)	
Voltage/Phase/Frequency	
NEMA Configuration	
Rejected Heat (Btu/h) ⁵	

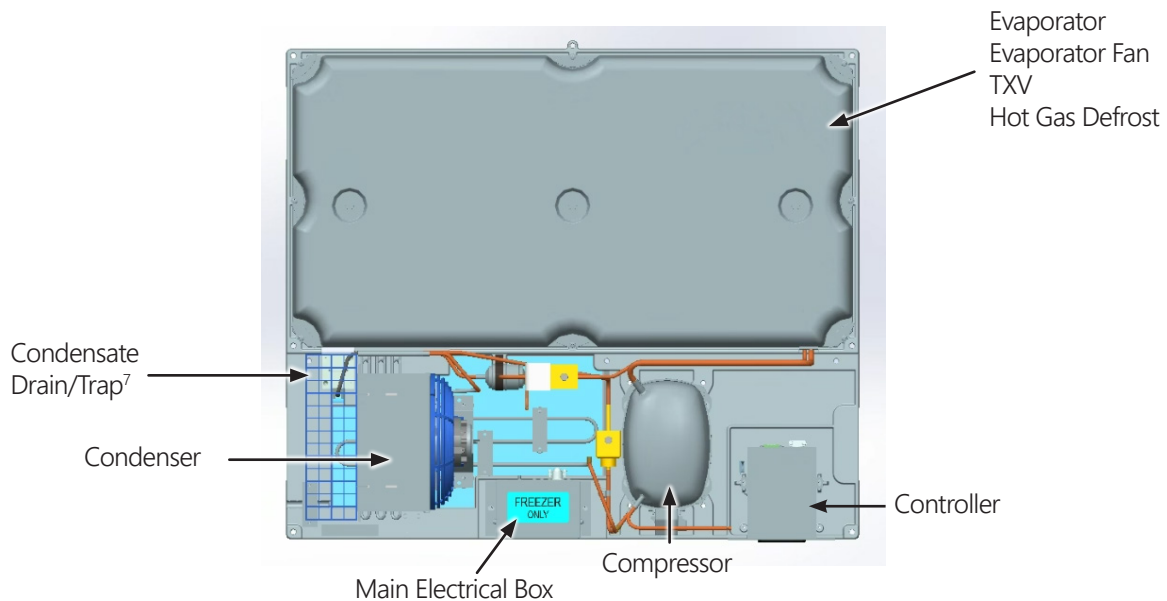
R-290 Refrigerant				
1-Door ⁸	2-Door	3-Door	4-Door	5-Door
1	1	2	2	3
110	120	240	240	360
69-0915-02	69-0875-02	69-0875-02	69-0875-02	69-0875-02
65	70	140	140	210
1-Door ⁸	2-Door	3-Door	4-Door	5-Door
2.75	5.6	8.2	12.6	14.5
4.5	3.9	6.9	6.9	9.9
120V-1Ph-60Hz	120V-1Ph-60Hz	120V-1Ph-60Hz	120V-1Ph-60Hz	120V-1Ph-60Hz
L5-20P	L5-20P	L5-20P	L5-20P	L5-20P
391	800	1,160	1,275	2,060

Physical Data

Case Calculations	
Facings (ft. ²)	
Packout (ft. ³) 24" Shelves	
Weight (lbs.) ⁶	

1-Door ⁸	2-Door	3-Door	4-Door	5-Door
14.3	28.7	42.5	57.3	71.8
28.7	57.3	86	114.7	143.4
300	630	900	1,160	1,510

CGLC30 Packaged Refrigeration Unit (PRU) Top View

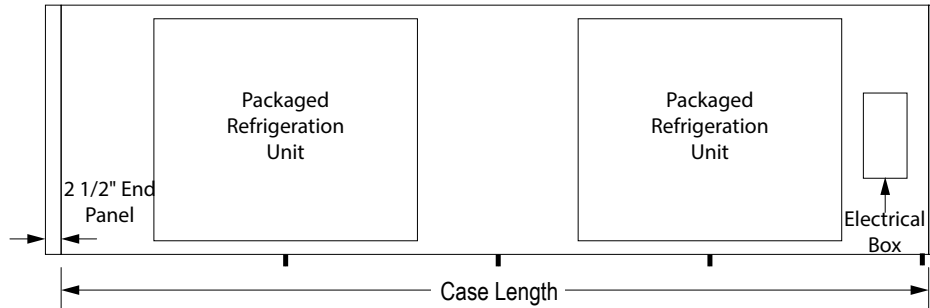


Notes:

- Refrigerant charge includes combined Packaged Refrigeration Unit.
- Two people are required to safely lift a single PRU.
- Data based on Zero Zone ChillBrite® 4000K LED lighting, Zero Zone CoolView® Envision® doors.
- 208V (four-wire) service; 115/208V-1PH-60Hz; red and black AC Line, white AC neutral, green Safety Ground.
- Adequate ventilation must be provided to dissipate rejected heat from the top of the unit for proper performance. Clearance of less than 30" above the top of the shroud to the ceiling requires special design considerations. See Zero Zone self-contained Installation & Operation Manual for specific details.
- Does not include weight of packaged refrigeration unit. Weights include 2 end panels at 60 lbs. per pair.
- No floor drain or condensate pump/pan needed. Condensate is routed through a discharge line to the trap, where it evaporates.
- Single door case data is preliminary.

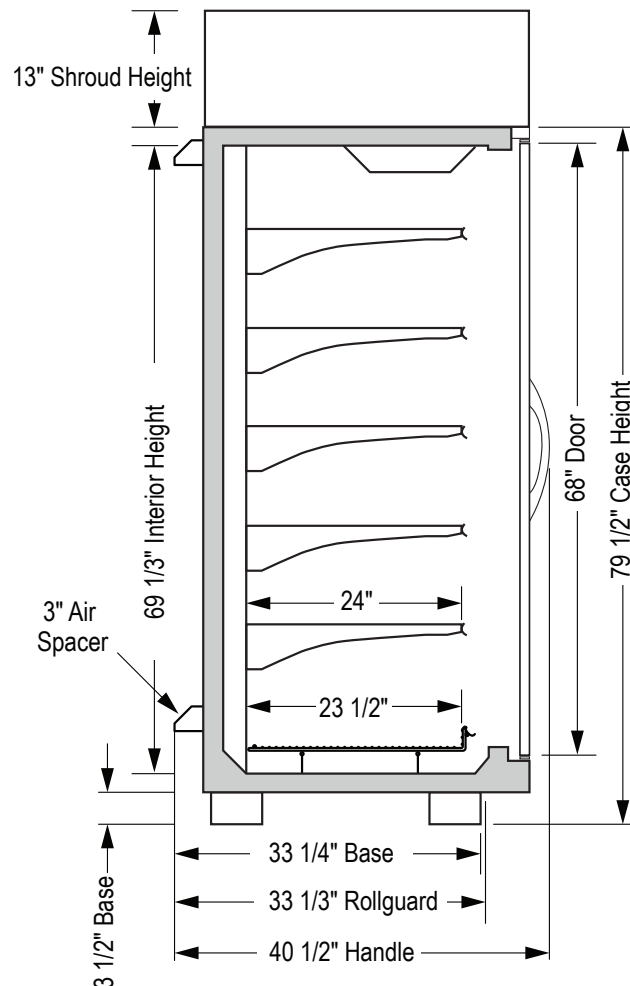


CGMC30 Guardian® Top View



Measurements	1-Door ⁸	2-Door	3-Door	4-Door	5-Door
Case Length (in.) without End Panels	30 3/8	60 7/8	91 3/8	121 3/4	152 1/4
Case Length (in.) with End Panels	35 3/8	65 7/8	96 3/8	126 3/4	157 1/4

CGMC30 Guardian® End View




GUARDIAN®
merchandise

Guardian® Merchandiser CGLC30 Specs

Low Temp Reach-In Display Cases

1-Door, 2-Door, 3-Door, 4-Door, and 5-Door Cases

Applications



Ice Cream



Frozen Food

Quick Specs

Energy Usage (5-Door Daily)*
Standard: 42 kWh

Merchandising (5-Door)
Facings: 71.8 ft²
Packout: 143.4 ft³ with 30" wide x 24" deep shelves

Features

Go Green

Propane (R-290) is an environmentally friendly and natural refrigerant.

CoolView® Doors

30" wide x 68" tall CoolView® Envision® Doors

LED Lighting

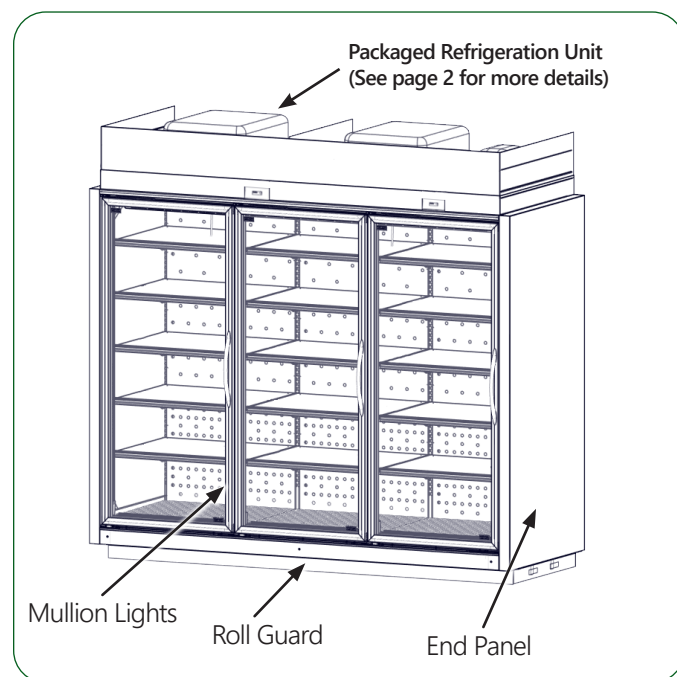
ChillBrite® 4000K LED Lighting

Additional Models

The Guardian® Merchandiser is also available in medium temp.

Continuous Lineup

Unlike traditional self-contained display cases, these grocery style merchandisers can be joined to make one continuous lineup.



Manuals and Instructions:
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Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



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Standard Package

Refrigeration Data	
Number of PRUs	
Refrigerant Charge (g) ¹	
Zero Zone PRU Unit #	
Total Weight of PRU(s) (lbs.) ²	
Electrical & Energy Data ^{3, 4}	
Daily Energy Use (kWh)	
Amps (a)	
Voltage/Phase/Frequency	
NEMA Configuration	
Rejected Heat (Btu/h) ⁵	

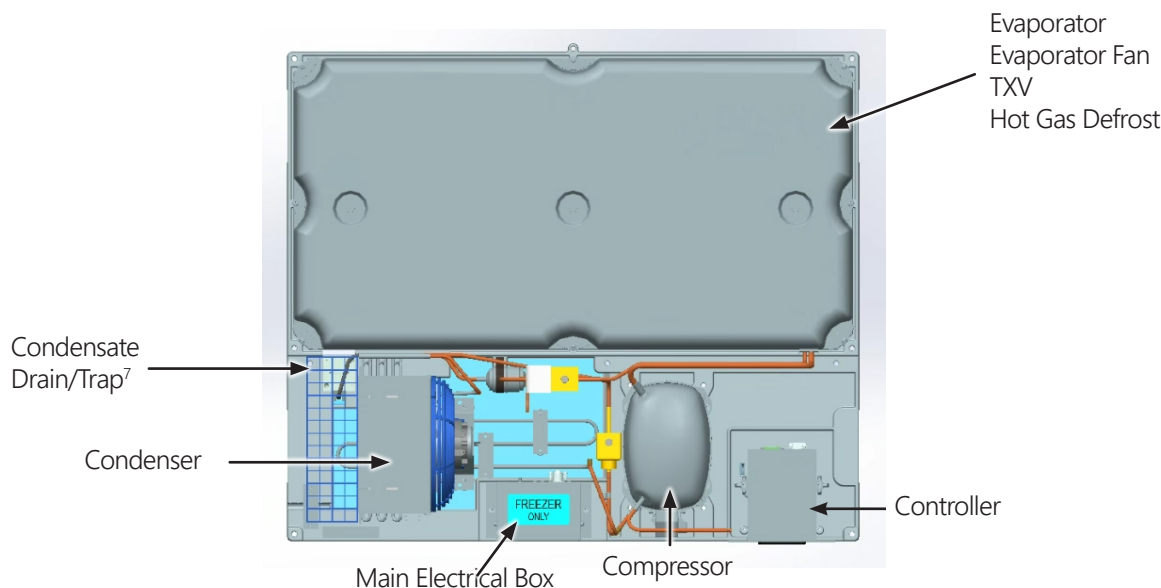
R-290 Refrigerant				
1-Door ⁸	2-Door	3-Door	4-Door	5-Door
1	1	2	2	3
130	135	270	270	360
69-0915-01	69-0875-01	69-0875-01	69-0875-01	69-0875-01
70	85	170	170	255
1-Door ⁸	2-Door	3-Door	4-Door	5-Door
9.55	16	25	31.8	42
8.5	9.6	11.3	11.3	15.9
120V-1Ph-60Hz	120/208V-1Ph-60Hz	120/208V-1Ph-60Hz	120/208V-1Ph-60Hz	120/208V-1Ph-60Hz
L14-20P	L14-20P	L14-20P	L14-20P	L14-20P
1,358	2,485	3,710	4,730	5,970

Physical Data

Case Calculations	
Facings (ft. ²)	
Packout (ft. ³) 24" Shelves	
Weight (lbs.) ⁶ without End Panels	

1-Door ⁸	2-Door	3-Door	4-Door	5-Door
14.3	28.7	42.5	57.3	71.8
28.7	57.3	86	114.7	143.4
300	630	900	1,160	1,510

CGLC30 Packaged Refrigeration Unit (PRU) Top View

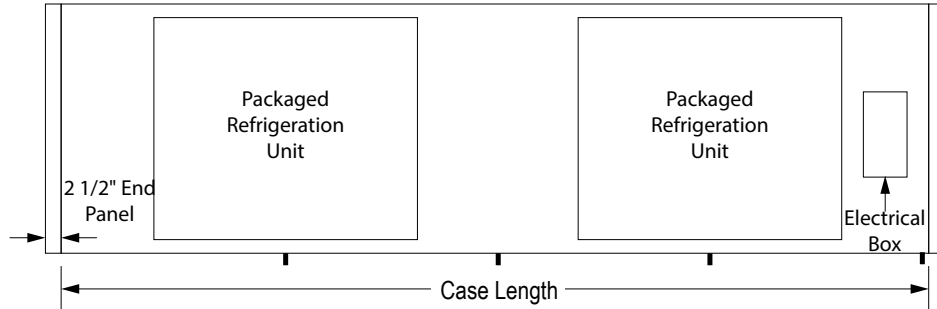


Notes:

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2. Two people are required to lift a single PRU.
3. Data based on Zero Zone ChillBrite® 4000K LED lighting, Zero Zone CoolView® Envision® doors.
4. 208V (four-wire) service; 115/208V-1PH-60Hz; red and black AC Line, white AC neutral, green Safety Ground.
5. Adequate ventilation must be provided to dissipate rejected heat from the top of the unit for proper performance. Clearance of less than 30" above the top of the shroud to the ceiling requires special design considerations. See Zero Zone self-contained Installation & Operation Manual for specific details.
6. Does not include weight of packaged refrigeration unit. Weights include 2 end panels at 60 lbs. per pair.
7. No floor drain or condensate pump/pan needed. Condensate is routed through a discharge line to the trap, where it evaporates.
8. Single door case data is preliminary

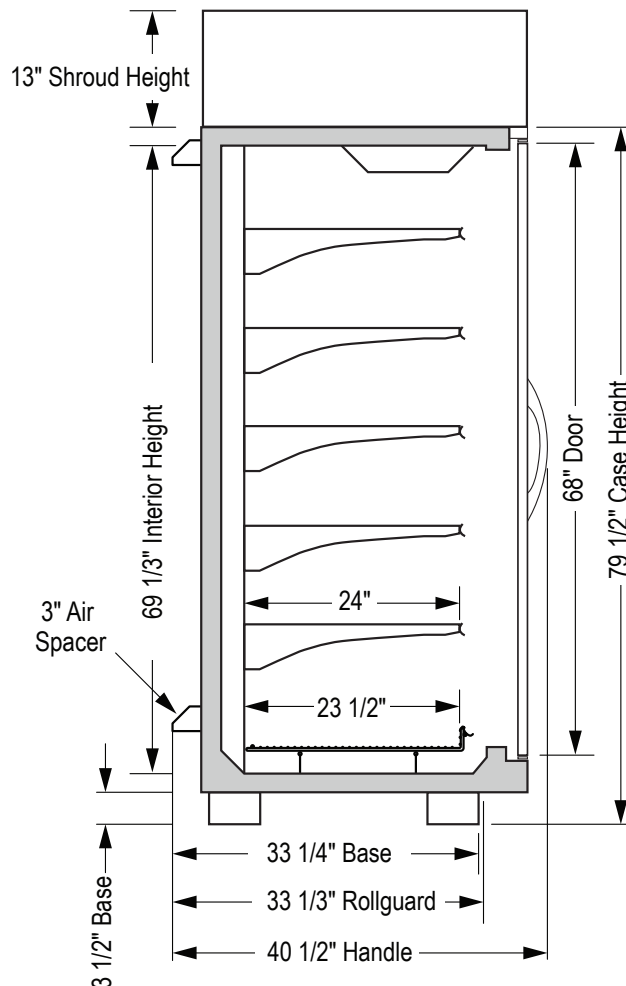


CGLC30 Top View



Measurements	1-Door ⁸	2-Door	3-Door	4-Door	5-Door
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Case Length (in.) with End Panels	35 3/8	65 7/8	96 3/8	126 3/4	157 1/4

CGLC30 End View





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CT-05 REV B



1-YEAR PARTS
10-YEAR GLASS PACK
5-YEAR LED PARTS

