

Project		
AIA #	SIS #	
Item #	Quantity	C.S.I. Section 11/000

# **G-SERIES**

3-Section Freezer Reach-In Self-Contained Solid Door(s)





G31312

G31313







This unit is listed to the applicable UL, CSA and NSF Standards by an approved NRTL. Consult the factory or unit's data plate for approval information.

## STANDARD PRODUCT FEATURES

- High Performance, Energy Efficient Refrigeration System
- Reliable Microprocessor Control With LED Temperature Display
- Evaporator Coil Outside Food Zone Provides More Usable Space
- Load-Sure Guard Prevents Problems From Improper Loading
- Durable All-Metal Construction
- Stainless Steel Front & Doors, Anodized Aluminum Sides & Interior
- Full or Half Height Door Models with a Variety of Hinging Configurations
- Long Life EZ-Clean Door Gasket(s)
- Three (3) Epoxy Coated Shelves Per Section (factory installed)
- Easy to Maintain Front Facing Condenser Coil
- 6" High Locking Casters

## FIELD INSTALLED ACCESSORIES & OPTIONS

- Trayslides for 18" x 26" Sheet Pans
- Trayslides for 12" x 20" Food Pans
- Trayslides for 14" x 18" Sheet Pans
- Trayslides for 18" x 26, 12" x 20" & 14" x 18" Pans
- Additional Shelves
- 6" High Legs
- Set of (4) 4 1/8" High Casters in Lieu of Standard

# **AVAILABLE CONFIGURATIONS**

Half-Height Door Models	Hinging		
G31300	Left/Right/Right		
G31301	Left/Left/Right		
G31302	Right/Right/Right		
G31303	Left/Left/Left		
Full-Height Door Models	Hinging		
G31310	Left/Right/Right		
G31311	Left/Left/Right		

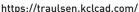
\*Please refer to the G-Series Accessory Kit Guide for precise details. (Form TR35872)

- GUARANTEED FOR LIFE CAM-LIFT HINGES
- GUARANTEED FOR LIFE HORIZONTAL WORK FLOW DOOR HANDLES (SOLID DOORS ONLY)

Right/Right/Right

Left/Left/Left

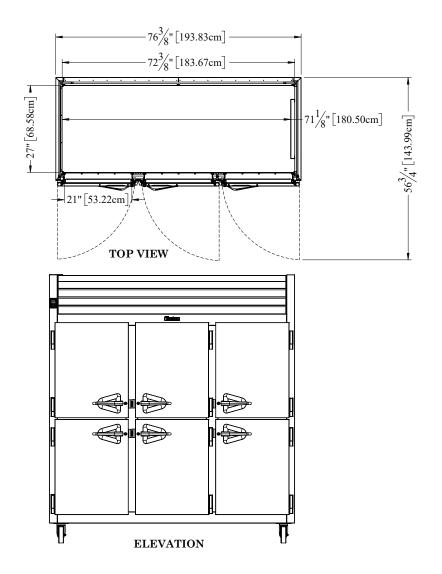
CAD and/or Revit Files Available

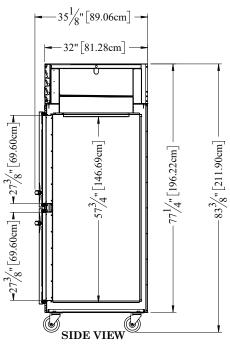




# **MODELS**

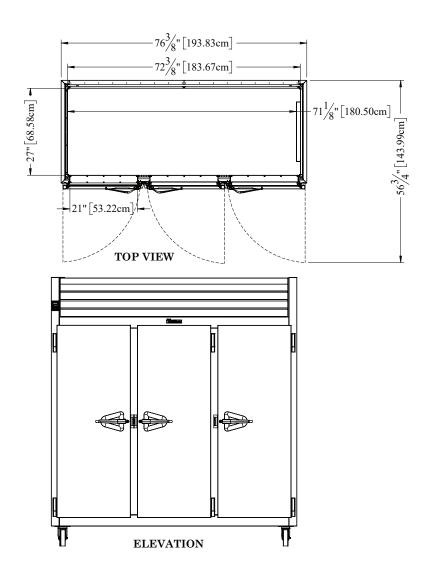
Half Height Door Models: G31300, G31301, G31302, G31303

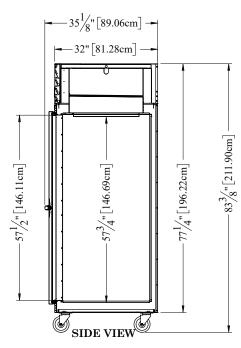




MODELS

Full Height Door Models: G31310, G31311, G31312, G31313







# raulsen

#### **MODELS**

Half Height Door Models: G31300, G31301, G31302, G31303 Full Height Door Models: G31310, G31311, G31312, G31313

MODELS	G313				
DIMENSIONAL DATA					
Net Capacity cu. ft. <sup>1</sup>	69.15 (1958 l)   69.35 (1964 l)				
L x D x H - Overall in. <sup>2</sup>	76% (193.8 cm) x 35½ (89.1 cm) x 83% (211.9 cm)				
Depth - over body in.	32 (81.3 cm)				
Depth - door open 90° in.	56¾ (144 cm)				
Clear half-door W x H in.	21 (53.2 cm) x 27¾ (69.6 cm)				
Clear full-door W x H in.	21 (53.2 cm) x 57½ (146.1 cm)				
No. Standard Shelves	9				
Shelf Area sq. ft. <sup>3</sup>	51.9 (4.82 sq m)				
ELECTRICAL DATA					
Voltage   Plug	208-230/115/60/1   NEMA L14-20P (attached)				
Feed wires with ground	4				
Full Load Amperes   MDEC <sup>4</sup>	6.7   15.81 kWh/Day				
REFRIGERATION DATA					
Refrigerant	R-448A				
Refrigerant Charge oz.	31 (878.8g)				
BTU/HR   H.P. <sup>5</sup>	3500   1 HP				
Required Clearance	12" Above				
SHIPPING DATA					
L x D x H Crated in.	91(231 cm) x 42 (107 cm) x 85 (216cm)				
Volume Crated cu. ft.	188 (5324 l)				
Uncrated   Crated Weight lbs.	615 (279 kg)   700 (318 kg)				

#### NOTES:

- 1. Net Capacity cu. ft. = Half Height Door | Full Height Door models.
- 2. Height shown when mounted on standard 6" high casters.
- 3. Figure shown reflects the area of standard shelf compliment.
- 4. MDEC = Maximum Daily Energy Consumption
- 5. Based on a 90°F ambient and -20°F evaporator.

#### **EQUIPMENT SPECIFICATIONS**

#### CONSTRUCTION, HARDWARE, INSULATION

Cabinet exterior front, louver assembly and door(s) are constructed of heavy gauge stainless steel. Cabinet sides (including returns), interior and door liners are constructed of anodized aluminum. The exterior cabinet top, back and bottom are constructed of heavy gauge galvanized steel. A set of four (4) 6" high locking casters are included. Doors are equipped with a gasket protecting, raised metal door pan, cylinder locks, and guaranteed for life self-closing cam-lift hinges with a stay open feature at 120 degrees. Hinges include a concealed switch to automatically activate the interior LED lighting. Guaranteed for life, metal work flow door handles are mounted horizontally over recess in door which limits protrusion into aisle ways. Gasket profile and durable long life material simplify cleaning and increase overall gasket life. Anti condensate heaters are located behind each door opening. Both the cabinet and door(s) are insulated with an average of 2" thick high density, non-CFC, 100% foamed in place polyurethane.

#### **SELF-CONTAINED REFRIGERATION SYSTEM**

A top mounted, self-contained, balanced refrigeration system using environmentally friendly, non-flammable R-448A refrigerant is conveniently located behind the one piece louver assembly. It features an easy to clean front facing condenser, thermostatic expansion valve metering device, air-cooled hermetic compressor, large, high humidity evaporator coil located outside the food zone and a top mounted non-electric condensate evaporator. A 9' cord and plug is provided. Standard operating temperature is 0 to -5°F and can be adjusted to operate as low as -10°F in a 90°F or less ambient.

#### CONTROL

The easy to use water resistant microprocessor control is supplied standard. It includes a 3-Digit LED Display, and a Fahrenheit or Celsius Temperature Scale Display Capability.

#### INTERIOR ARRANGEMENTS

Standard interior arrangements include three [3] epoxy coated steel wire shelves per section, mounted on shelf pins, installed at the factory. Shelves are full-width, and do not have any large gaps between them requiring the use of "bridge" or "junior shelves." Recommended load limit per shelf should not exceed 225 lbs.

#### DOMESTIC WARRANTY

Both a six year parts and labor warranty and an additional one year compressor parts warranty (for a total of seven on self-contained models) are provided standard.

OPTIONAL ACCESSORY TRAY SLIDE VERSATILITY CHART								
TRAY SLIDE DRAWINGS								
TRAY SLIDE OFFERING	#1 (1) 18" x26" or (2) 14"x18"	#4 (Rod Type) (1) 18" x26"	Universal [1] 18" x26" or [2] 14"x18" or [2] 12"x20"	#1 EZ-Change [1] 18" x26" or (2) 14"x18"	Universal EZ-Change (1) 18" x26" or (2) 14"x18" or (2) 12"x20"	HD Universal EZ-Change (1) 18" x26" or [2] 14"x18" or [2] 12"x20"		
SPACING CAPACITY DOOR SIZE	2" 28 Pairs Full Door & 13 Half 3" 19 Pairs Full Door & 09 Half 4" 14 Pairs Full Door & 07 Half 5" 11 Pairs Full Door & 05 Half	(2 Pair) 1 1/2" 18 Pairs Half Door	4" 14 Pairs Full Door & 06 Half <sup>1</sup> 4" 14 Pairs Full Door & 07 Half <sup>2</sup> 5" 11 Pairs Full Door & 05 Half 6" 09 Pairs Full Door & 04 Half	2" 26 Pairs Full Door & 12 Half 4" 13 Pairs Full Door & 06 Half	2 1/4" 22 Pairs Full Door & 11 Half 4 1/2" 11 Pairs Full Door & 05 Half	4 1/2" 11 Pairs Full Door & 05 Half 9" 05 Pairs Full Door & 02 Half		

- Upper Half Height Door<sup>1</sup>
- Lower Half Height Door<sup>2</sup>