

# GLOBAL INSULATED DOORS INC.

---

Vertical Sliding Doors-Manual  
(V603TN-Cooler, V603LWT-Freezer)

**Architect Data Sheet**

---

*Global* Manual Vertical Sliding Doors are an unbeatable design with an emergency safety mechanism.

**Available**  
**Single Vertical Slide**  
**Coolers / Freezer**



## ***Cooler Door Specification:***

---

**Door** - All Doors are made with Aluminum Extruded profile, NON-CFC Polyurethane insulations and clad with 24 GA White Stucco metal both sides of the door. Doors are available in 3”and 4” thickness and equipped with exterior and interior recessed pull handle, Skirt type floor sill gasket.

**Insulation** – 3” thick door – R 24 & 4” thick door – R 32

### **Chain Hoist Feature –**

Chain hoist mechanism is a great option to operate heavy doors manually. Global supply a complete Assembly attached with the top header

**Frames** –Standard headers and casings are clad with 24 GA White Stucco metal. Options are available for Wood or Plastic construction. Adjustable frame seals design gives extra flexibility for perfect sealing. Heavy duty 3 inch “J” track is corrosive resistant made of 12 GA galvanized steel.

## ***Freezer Door Specification:***

---

Freezer Doors has same above cooler specification and also has additional features as below.

**Doors** –Perimeter heat inside the door. Heater connection requires 120 V, 60 Hz, Single Phase AC line.

**Insulation** - 4” thick door – R 32 & 6” thick door – R 48

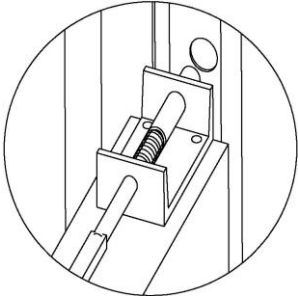
For blast freezer applications, additional heated seals options are available, please contact factory.

# GLOBAL INSULATED DOORS INC.

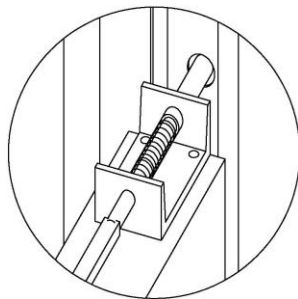
---

## ***Safety –***

Vertical Door gets locked on track if any failure happens on counter weight. As shown in Figure – If any failure on Counter weight, Safety Pin will Release and Lock into “J” Track Safety hole.



**Standard Mode**



**Safety Mode**



## ***Door Seal Adjustment –***

- A reinforced Frame seals fills the gap between the door panel and the vertical casings, and the header.
- Adjustment of the seals can be done by placing the door in closed position, loosen seal attachment screw on seal(s) and can placed the seal at right position and tighten the screws back.

## ***Available Options:***

- Doors Metal - Stainless Steel / White -- Smooth / Stucco, FRP finish, Smooth painted white metal, Galvanized unpainted metal Smooth / Stucco
- Locking Device
- Pedestrian Pass Door
- Vision Panel - Heated and non heated
- Kick plates – Available in Aluminum Checker Plate, Stainless Steel, Galvanized
- Additional Heated Seals

# ***GLOBAL INSULATED DOORS INC.***

---

## ***Installation***

- The Casings & Header must be plumb and level. If the floor is not even shim casings to level
- Apply silicon to provide vapor seal between frames(header/casing) and wall
- Door bottom seal should slight crush to the floor. Floor seal adjustment can be done thru hanger bolts. Vertical casing seals and top header seals are adjustable and can be adjusted for tight seal
- If Single door blade is wider than 8'0" than door blade could ship in two sections (Spline) and tp be assembled on site by others.
- Freezer Doors required 120 V, 60 Hz Single phase AC Supply for Heater wires
- Detailed installation instructions to be supplied with Door order.

# GLOBAL INSULATED DOORS INC.

Shown Model V603TN – Cooler, Vertical, Manual Door  
(Freezer Door with Heater Cable)

**NOTES**

**INSTALLATION REQUIREMENTS**

- I. Floor under door must be level and smooth
- II. Wall behind header and casings must be smooth a common plane.
- III. Stayrollers installed in field - by others.

**DOOR PANEL & FRAME MANUAL DOORS**

**A. Door Panel**

- 24 GA white stucco metal
- 24 GA white smooth steel
- 24 GA 304 2B stainless steel stucco metal
- Other

**B. Extruded Aluminum Door Frame**

**C. CASINGS & HEADERS**

- Wood Clad with
- Gray Plastic Clad with
- 24 GA White Stucco Steel
- 24 GA White Smooth Steel
- 24 GA 304 Stucco Stainless Steel
- Other

**D. Freezer Door (4" and 6" doors only)**

115V electric defrost system at four sides of gasket contact area. Separate 115V connection required in field - by others.

**OPTIONS**

**E. FASTENERS**

- Nylon bolts (frame drilled in field - by others)
- Other

**F. ADDITIONAL HEATED SEALS**

**G. Inside Jamb**

- Wood Clad With
- Plastic Clad With
- 24 GA White Stucco Steel
- 24 GA White Smooth Steel
- 24 GA 304 Stucco Stainless Steel
- Other

**H. Backframe (Mirror Image Frame)**

- Wood Clad With
- Plastic Clad With
- 24 GA White Stucco Steel
- 24 GA White Smooth Steel
- 24 GA 304 Stucco Stainless Steel
- Other

**I. Kickplates**  Hingside  Wallside  
Height:  18"  24"  36"  48"  
 Aluminum diamond thread  
 18 GA 304 #4 stainless steel (smooth)  
 Other

**J. Locking Device**  TrackSide  Wallside  
 With Power Cut off Emergency Release  
 With Power Cut off no Emergency Release

**K. Vision panel (24"x24")**

- Insulated
- Heated

**COOLER-MODEL V603 TN**

For:		P.O.:		DATE :		DRAWN BY:		APPROVED BY:	
Job:		F.O.:		TAG :		CHECKED BY:			
DOOR#	QTY	WIDTH IN CLEAR	HEIGHT IN CLEAR	DOOR TYPE	MANUAL	JAMB DEPTH	SERIAL NUMBER	VERTICAL SLIDE DOOR COLD STORAGE DOOR MANUAL COOLER MODEL V603 TN	
				COOLER					

**GLOBAL INSULATED DOORS INC.**  
1-866-684-3667

Global Insulated Doors Inc.  
633 Edgeley Boulevard, Unit-2  
Concord, ON, L4K 4H6  
Tel: 905-660-6668, Fax: 905-660-6669, Toll Free: 1-866-684-3667