

# GLOBAL INSULATED DOORS INC.

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## Overlapped Hinge Doors

(Model 740TN-Cooler, 740LWT-Freezer)

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## Architect Data Sheet

Overlapped Doors are heavy-duty hinged doors specifically designed to use for Penthouse.

Global offers both – Flush Sill and High Sill doors and can make custom size doors as per project demand

**Available**  
**Coolers / Freezers**  
**Flush Sill / High Sill**



### **Door Specification:**

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**Door Specifications** - All Doors are made with Aluminum Extruded Channel, NON-CFC Polyurethane insulations, and clad with 24 GA White Stucco metal on both sides of the door –Various Metal options are available. Cooler doors are available in 3” and 4” thickness. All Exterior reentry doors are equipped with cam lift hinges with Lockable Latch.

**Insulation** – 5 ½” thick door R 42

#### **Freezer Doors -**

Heater wires – All four sides to the frame

Heater connection requires 120 V, 60 Hz, Single Phase AC line

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**Frames** –Standard frames are clad with 24 GA White Stucco metal. Options are available for Wood or Plastic construction. All Wood or Plastic frames to be 1 ½” thick. Jambs can be made as per available wall thickness. Back frames are made as a one-piece construction so it’s easy to install

**Floor Sill** - All flush sill doors are with grease-resistant gasket which gives extra durability in any kind of cooler or freezer environment.

**Seal Gasket:** Double gaskets (grease resistant) to all sides which effectively seal the door against the frame

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## **Available Options:**

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- > Doors
  - FRP Smooth/ FRP Stucco
- > Doors and Frame Metal
  - 24 GA 304 Stainless Steel Smooth / Stucco metal
  - 24 GA Smooth White metal
  - 24 GA Galvanized unpainted metal Smooth / Stucco
- > Kick plates –
  - Aluminum Checker Plate
  - Stainless Steel,
  - Galvanized
- > Rain Hoods
- > Stainless Steel Wind chain
- > Stainless Steel Eye Bolt for Padlock

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## **Installation**

- The floor under the door must be level and smooth
- The wall behind the face frame must be smooth in a common plane
- Before mounting the door on the wall, the door frame should be leveled (Horizontally & Vertically) and if required shimmed
- Header and Casings should be mounted with thru-bolt for support
- Apply sealant to provide vapor seal between the frames and wall
- Adjustment of the door latch is at the striker (Keeper)
- The door should swing freely to open and close

### **Freezer**

- Need 120 V AC - 1 Phase supply for the heater elemen

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**OVERLAP TYPES**  
(Shaded indicates weather aspect)

**TYPE H-1:**  
High Sill - No Jamb

**TYPE H-2:**  
High Sill with Inside Jamb

**TYPE H-3:**  
High Sill - Shipover

**SILL DETAIL**

Heat in Frame  
HIGH SILL  
TYPE H3

**INSTALLATION REQUIREMENTS**

- I. Floor under door must be level and smooth
- II. Wall behind face frame must be smooth in a common plane.
- III. Mounting holes 3/4\" diameter (drilled in field - by others).

**DOOR PANEL AND FRAME**

**A. DOOR PANEL**

- 24 GA white stucco
- 24 GA 304 2B stainless steel
- Stucco or Smooth FRP
- OTHER:

**B. FACE FRAME**

- Wood clad 24ga white stucco
- Plastic clad 24ga white smooth
- 24 GA #304 2B stainless steel
- OTHER:

**C. LATCH**

- Padlockable  Keyed Cylinder
- Polished chrome
- Stainless steel
- Outside Latch with Key

**D. INTERIOR RELEASE**

- MUSHROOM BUTTON & Nylon Push Rod (Front View)
- BUMP BAR over mushroom button
- PANIC BAR (NO EXTERIOR RE-ENTRY)
- PANIC BAR with Von Duprin 373 lever latch
- KASON 483 RELEASE
- Inside Handle

**E. HINGE**

- Cam lift polished chrome
- Cam lift stainless steel
- 1277 zinc plate finish
- Overlap Hinge

**OPERATING TEMPERATURE**

DOOR	HINGESIDE	WALLSIDE

**REQUIRED FOR PRODUCTION**

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

**IMPORTANT:**  
Factory may alter door construction and hardware from design illustrated. Factory will not exceed illustrated clearances.

**FOR:** \_\_\_\_\_ **P.O.:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**JOB:** \_\_\_\_\_ **F.O.#.:** \_\_\_\_\_ **TAG:** \_\_\_\_\_

DOOR #	QTY	WIDTH IN CLEAR	HEIGHT IN CLEAR	DOOR TYPE	JAMB	HINGE LOCATION	SERIAL NUMBER
				57\" Freezer			

**OVERLAP DOOR**  
**COLD STORAGE DOOR**  
MODEL 740LWT  
**FREEZER DOOR**

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

**OVERLAP TYPES**  
(Shaded indicates weather aspect)

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High Sill - No Jamb

**TYPE H-2:**  
High Sill with Inside Jamb

**TYPE H-3:**  
High Sill - Shipover

**SILL DETAIL**

Heat in Frame  
HIGH SILL  
TYPE H3

**INSTALLATION REQUIREMENTS**

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- II. Wall behind face frame must be smooth in a common plane.
- III. Mounting holes 3/4\" diameter (drilled in field - by others).

**DOOR PANEL AND FRAME**

**A. DOOR PANEL**

- 24 GA white stucco embossed
- 24 GA 304 2B stainless steel
- Stucco or Smooth FRP
- OTHER:

**B. FACE FRAME**

- Plastic clad 24ga white stucco
- Plastic clad 24ga white smooth
- 24 GA #304 2B stainless steel
- OTHER:

**C. LATCH**

- Padlockable  Keyed Cylinder
- Polished chrome
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DOOR #	QTY	WIDTH IN CLEAR	HEIGHT IN CLEAR	DOOR TYPE	JAMB	HINGE LOCATION	SERIAL NUMBER
				57\" Cooler			

**OVERLAP DOOR**  
**COLD STORAGE DOOR**  
MODEL 740TH  
**COOLER DOOR**

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