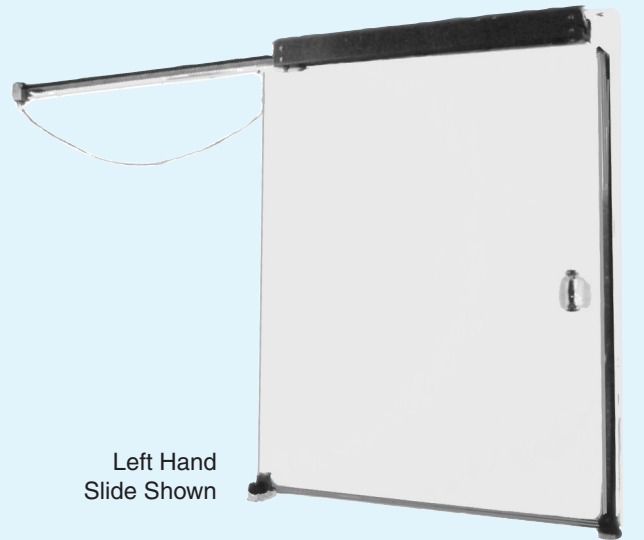


## MARK IV

### SINGLE LEAF HORIZONTAL SLIDING MANUALLY OPERATED DOOR

- White Metal Clad Finish
- Diamond-Trac® System\*
- Five Year Warranty



Left Hand Slide Shown

#### COOLER DOOR SPECIFICATIONS:

Supply where indicated on plans Jamison Mark IV Manual Single Leaf Horizontal Sliding Cooler Door, with Diamond Trac® System\*.

Door leaf to have aluminum extruded structure and to be metal clad with #26 gauge white pre-painted stucco embossed steel front and back.

Frame (casings and header) to be constructed of aircraft quality aluminum extrusions with white painted finish.

Door leaf to be filled with 4" of Jamifoam non-CFC polyurethane insulation with an R value of 28 at 40°F. Frame to be insulated with polystyrene inserts.

Adjustable gasket at sides and head of frame to be polyester reinforced; sill gasket on door to be sweep type.

Hardware to have protective coating against corrosion.

#### FREEZER DOOR SPECIFICATIONS:

Freezer door specifications to be same as cooler door except for these substitutions and additions:

Supply where indicated on plans Jamison Mark IV Manual Single Leaf Horizontal Sliding Freezer Door with Diamond-Trac® System\*.

Provide Frostop heater cables in top, sides, and bottom of door. Complete device to be

assembled, ready for connection to 120 volt, 60 Hertz, single phase AC line.

#### SPECIAL NOTES:

1. Freezer Door is designed for installation in warm room with temperatures above +33°F. If door must be mounted in rooms with temperatures of +32°F. and below, contact factory.

2. When cold room temperature is below -20°F. and/or the relative humidity is greater than 80% on the warm side, Frostop heater cables should be added to the frame/gasket assembly.

3. If the cold room temperature is below -40°F., or if the temperature difference exceeds 90°F., contact factory.

#### OPTIONS: (SPECIFY which options are desired):

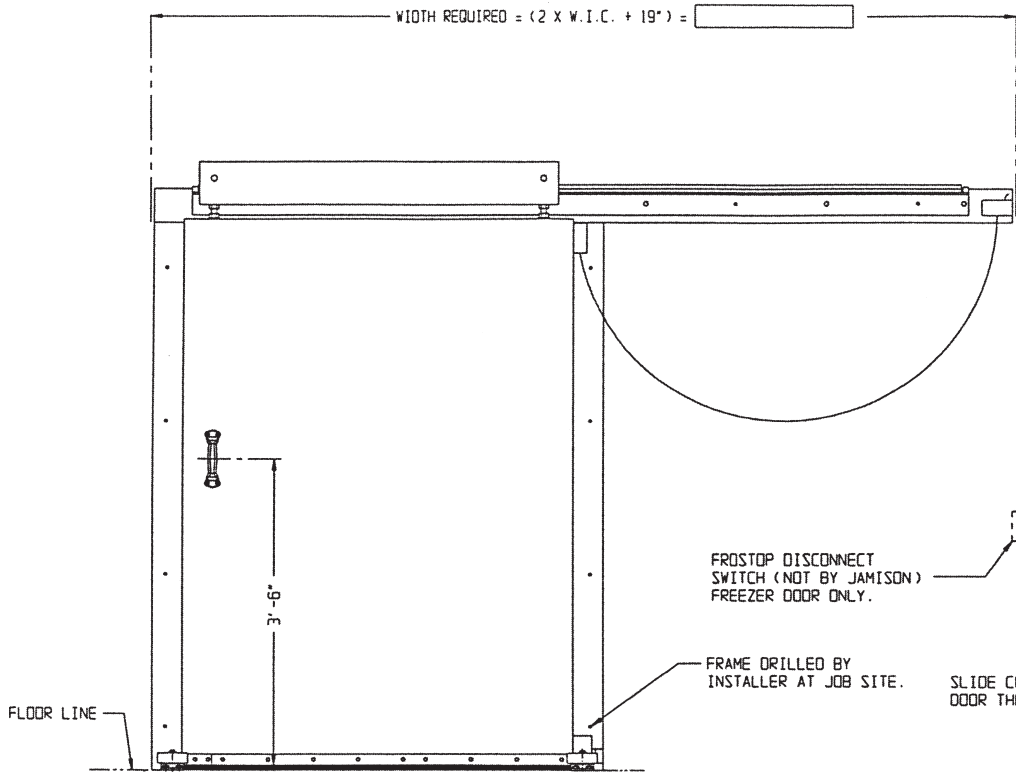
1. Metal cladding can be stainless steel, stucco aluminum, galvanized stucco embossed, galvanized, or galvanized steel painted to meet specifications.
2. M.I.D. Requirements.
3. Padlocking provisions on front or back of door with safety release on opposite side. (Specify which side with locking.) Safety

release feature permits door hardware to be released, thus minimizing possibility of personnel being locked in room.

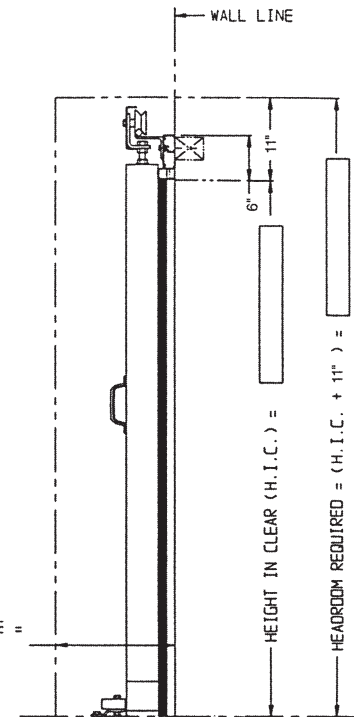
4. 6" of insulation for freezer door (R value 42).
5. Swinging wicket door.
6. View windows: (contact factory for specific recommendations.) 12" x 14" sealed glass

unit.

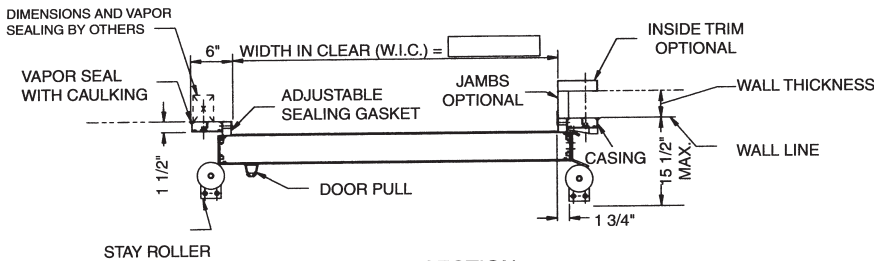
- a. Cooler Door - 2 layer 1" thick
  - b. Freezer Door - 3 layer, 1" thick with heat.
7. Jambos.
  8. Inside trim.
  9. Mirror image frame.



FRONT ELEVATION  
RIGHT HAND SLIDE SHOWN - LEFT HAND OPPOSITE



VERTICAL SECTION



HORIZONTAL SECTION

#### SIZES AVAILABLE

Standard sizes up to and including 11'0" width in clear x 14'0" height in clear. Door sizes 8'0" x 8'0" and above may be split due to shipping regulations.

### FREEZER DOOR FURNISHED WITH FROSTOP HEATER CABLES.

#### INSTALLATION POINTS:

1. Bucks should be installed true, plumb and square and of sufficient size to accommodate door weight. Wood bucks should be painted with a suitable preservative to protect against moisture penetration into wood.
2. Hardware and track are factory mounted for easy field erection.
3. Installation instructions are shipped with the door.
4. For freezer door, provide separate 120 volt, 60 Hertz, single phase line complete with keyswitch (by others) for connection to Frostop circuit.
5. After erection and adjustment of door and frame for plumbness and squareness, final mechanical adjustments should be made for tight seal.
6. All bolts, lags, and joints between buck and door frame should be vapor sealed with silicone caulking.
7. Drawings for buck suggestions and bumper post location to protect frame available on request.



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