

DIVISION 8

SECTION 08300 COLD STORAGE DOOR SYSTEMS

PART 1 - GENERAL

1.01 SECTION INCLUDES

A. Weiland Painted Galvanized Steel Infitting Hinged doors and accessories for complete installation.

1.02 RELATED SECTIONS

A. Division 16 - Electrical

1.03 SUBMITTALS

A. Product Data: Completely describing components.

B. Shop Drawings: Showing details of fabrication, installation and accommodation to connecting work.

C. Installation Instructions: For door, operator and accessories.

D. Operating and Maintenance Data: For door, operator and accessories.

1.04 QUALITY ASSURANCE

A. Installer Qualification: Door manufacturer, or trained, approved and licensed door installer.

PART 2 - PRODUCT

2.01 MANUFACTURERS

A. Weiland Painted Galvanized Steel Infitting Hinged Door as manufactured by Weiland, Inc., Madison, NE.

B. Substitutions: No substitution will be considered unless written request for approval has been submitted by the bidder and has been received by the architect at least ten (10) days prior to the date for receipt of bids.

2.02 PAINTED GALVANIZED STEEL INFITTING HINGED DOORS

A. Weiland Painted Galvanized Steel Infitting Hinged Door.

1. Door size to fit door opening as shown on architectural drawings and to conform to APHIS-U.S.D.A. (M.I.D.) sanitation regulations.
2. Doors to be infitting swing (cooler) (freezer) doors. Door panels to consist of a wood frame, 2 pounds per cubic foot of polyurethane core between two sheets of 24 ga. 304-2B stainless steel. Finished door panel thickness shall be in accordance with architectural specifications.

Option: Non-wood interior frame.

3. Panel to be unitized and filled with foamed in place polyurethane having an "R" factor of 7.5/1" at 40°F.
4. Standard face frame and header board to be clad on all exposed surfaces with 26 gauge stucco embossed painted galvanized stainless steel.
5. Gasket at sides and head of frame to be grease resistant extruded neoprene. Gasket at sill to be nylon reinforced double neoprene sweep type.
6. Standard door hardware includes a K-56 polished chrome latch and K-1240 cam rise hinges. Door latch has padlock provision to permit door to be opened from inside, even when locked from outside.
7. Optional kickplate, door closer, vision panel and other hardware may be added.

Where indicated on plans, furnish Weiland Painted Galvanized Steel Infitting Hinged (Freezer) Door. Add to cooler door specification:

8. Freezer door frames to be equipped at sides, head and sill with self regulating heater cables. Complete system assembled and ready for connection (by others) 120 volt, 60 cycle, single phase line.

Note: Specify 6" of insulation for all blast freezer applications; when cold room temperature is 0°F or colder; or when temperature difference between rooms is more than 40°F.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Verify installation conditions as satisfactory to receive work of this section. Do not install until unsatisfactory conditions are corrected. Beginning work constitutes your acceptance of conditions as satisfactory.

1. Verify opening size, dimensions and tolerances.

3.02 PREPARATION

A. Protect surrounding areas and surfaces to prevent damage during work of this section.

3.03 INSTALLATION

A. Mechanically install the work in accordance with manufacturer instructions.

B. All electrical high power and low voltage wiring to be supplied, installed and connections to doors are to be by electrical contractor.

C. Wall construction (by others) to be sufficient to support the door assembly and to support the operation of the door panel.

3.04 WARRANTIES

A. One year parts and labor on door, hardware and operator for defects of material and workmanship.

3.05 CLEANING

A. Leave the premises clean and free of residue of work of this section.

END OF SECTION