

## **DIVISION 8**

### **SECTION 08300 COLD STORAGE DOOR SYSTEMS**

#### **PART 1 - GENERAL**

##### **1.01 SECTION INCLUDES**

A. Weiland Stainless 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. Operating and Maintenance Data: For door, 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 Stainless 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 STAINLESS STEEL INFITTING HINGED DOORS**

A. Weiland Stainless 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 door for cooler or freezer application. Door panels to consist of a expanded polyvinyl chlorite collar, 2 pounds per cubic foot of polyurethane core between fabricated sheets of 20 ga. 304 stainless steel with a #4 brush finish. Finished door panel thickness shall be in accordance with architectural specifications. No wood or other organic components allowed.
3. Panel to be unitized and filled with foamed in place polyurethane having an "R" factor of 7.0/1" at 40°F.
4. Standard face frame, header, and back-up casings to be fabricated from 16 Ga. 304-4 Stainless Steel and injected with 5 lb. pcf structural foam. The top of the header on the face frame and back-up casings to be sloped at 45 degrees to avoid harborage areas for moisture.
5. Through jambs are fabricated from 304-4 stainless steel and are offered a C channel jamb cap, or wrapped around an HDPE block.
6. Gasket at sides and head of frame to be grease resistant extruded neoprene. Gasket at sill to be nylon reinforced double neoprene sweep type.
7. Standard door hardware includes a stainless-steel refrigeration latch and stainless-steel cam rise hinges. Door latch has padlock provision option to permit door to be opened from inside, even when locked from outside.
8. Optional stainless-steel kickplate, stainless-steel tension barrel door closer, vision panel and other hardware may be added.

*Where indicated on plans, furnish Weiland Stainless-Steel Infitting Hinged (Freezer) Door. Add to this specification:*

9. 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 72°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. Five-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