

# LoTemp Doors - SPECIFICATION SHEET # 105

## MODEL NUMBER: HIS

## INFITTING HINGED DOOR

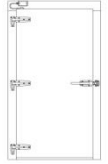
### PART I – GENERAL

#### 1.0.1 SCOPE

Supply where indicated on plans LoTemp Doors infitting hinged personnel door.

#### 1.0.2 RELATED WORK,

Opening preparation, miscellaneous or structural metal work, electrical wiring, wire, conduit, fuses and disconnect switches are in the scope of work of other divisions or trades.



### PART II – PRODUCT

#### 2.0.1 MATERIALS

**DOOR PANEL** – Door panel is constructed with 26ga stucco embossed white galvanized steel. Meets USDA , MID and CFIA requirements.

**INSULATION** – Door panel is insulated with NON-CFC polyurethane with an “R” value of 32 at 4” and 48 at 6”.

**DOOR FRAME** - Face frame to be wood or optional HDPE (High Density Polyethylene Extrusion) clad with panel matching steel complete with up to 4” jambs.

**HARDWARE** – Door to be complete with all hardware necessary for operation. Self lubricating cam lift hinges. Latches shall be single point padlockable with inside emergency release (mushroom button style). Hardware as needed for doors up to 3’0” wide. Doors over 3’0” wide fitted with strap style hinges, as required. All hardware to have corrosion resistant coating.

**GASKETS** – Gaskets at sides and top to be self adhesive bulb seal. Floor gasket material to be, grease resistant, nylon reinforced neoprene rubber.

**FREEZER DOOR** - Same as above with the addition of full perimeter heater cable on frame and in door bottom ,requiring a separate 110V AC, single phase connection, by others.

**OPTIONS** – Kickplates and vision panels. Keyed cylinder latch, panic bar, interior bump bar, tamperproof screws. Over 4” jambs, mirror image backframe, high sill. Cladding - 26 ga 304-2B or 304 #4 stainless steel, 26 ga galvanized steel, smooth and stucco embossed.

#### 2.0.2 SUBSTITUTIONS

This specification is written with LoTemp Doors as the basis of acceptable performance.

No substitutions will be considered unless a written request is received in the Architect’s office at least 14 days prior to date for receipt of bids.

#### 2.0.3 SUBMITTALS

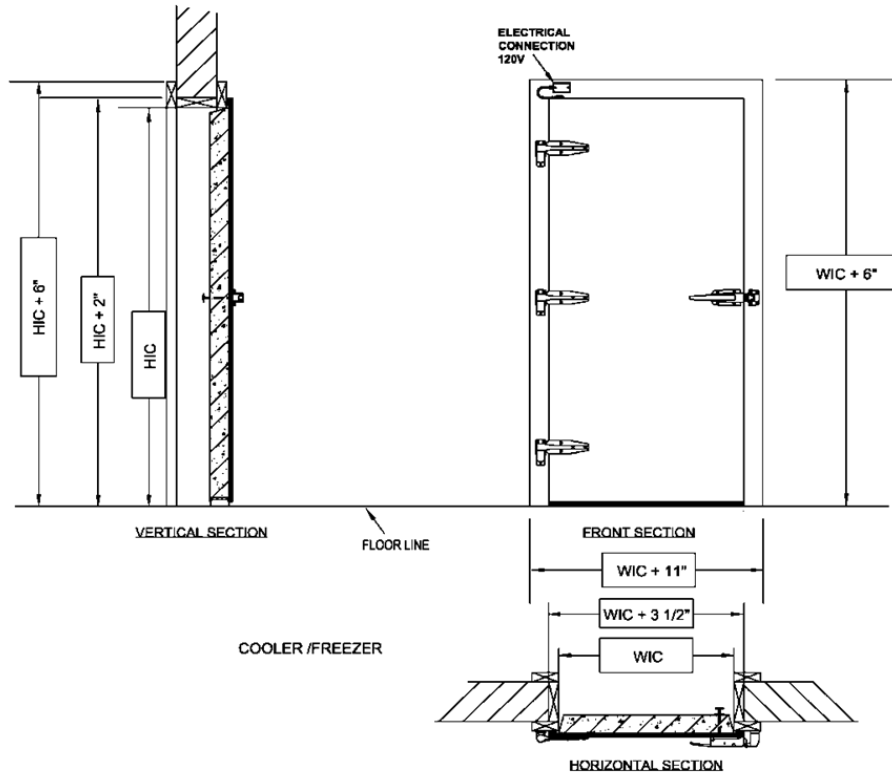
In compliance with the specification requirements, submit detailed shop drawings for each door showing in clear detail all mounting requirements and accessories.

#### 2.0.4 QUALITY ASSURANCE

Doors shall be installed in accordance with Architect’s plans and specifications and LoTemp Doors written installation instructions, drawings and recommendations. Door shall be guaranteed against defective materials and workmanship for a period of (1) year from date of shipment.

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### PART III – EXECUTION

#### 3.0.1 – INSTALLATION

Doors shall be mounted in full accord with the detailed instruction of the door manufacturer and contract documents. When mounting the door and framing, the mounting surfaces shall be set true and level without distortion and shall be shimmed and caulked to assure tightness and true fitting, and be securely lagged. After the doors are hung they shall be checked for mechanical and electrical operation, and tight and uniform gasket sealing.

#### 3.0.2 – PRODUCT DELIVERY, STORAGE AND HANDLING

Each cold storage door shall be securely crated so as to protect the door from damage during shipment and handling. Door identification number shall be clearly marked on the outside of each crate.

#### 3.0.3 – CLEANING AND ADJUSTMENT

Clean all doors of excess sealant, grease, stain, fingerprints and construction dust prior to final inspection to the satisfaction of the Architect/owner. Adjust all doors to smooth, proper operating condition, including proper sealing prior to turnover of facility to owner.

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