LOTEMP DOORS™
BY EVERIDGE®

SPECIFICATION SHEET # 104 – Bi-Parting Door - Power

Our bi-parting power sliding doors are suitable for applications where space is limited at either side of the door opening. The doors are appropriate for installations where there is high volume forklift, pallet truck, and load handling equipment traffic. Bi-part sliding doors provide single door access for personnel or double door access for load handling traffic.

PRODUCT FEATURES

Door Panel
- Constructed with aircraft quality extruded aluminum internal frame with reinforced mitered corners
- Panel clad with 26ga stucco embossed white galvanized steel
- Meets USDA and CFIA requirements

Insulation
- NON-CFC polyurethane
- "R" value of 32 at 4" and 48 at 6"

Door Frame
- Header and casing in white or gray HDPE
- Optional clad with panel matching steel

Hardware
- Extruded aluminum door track with down and in motion to ensure assure a ramp tight door seal when closed and immediate gasket clearance when opening
- Four heavy-duty track rollers
- Two floor-mounted stay rollers
- All hardware with corrosion resistant coating

Gaskets
- Adjustable bulb type reinforced neoprene seals mounted to casings, headers, and leading side edge of doors
- Sweep sill reinforced gasket at 4 sides of door bottom

Freezer Door
- As above with full perimeter 120V heater cable around door
- Requires a separate 120V AC, single phase connection, by others
- Additional heated seals required for -20° F

Motor/Operator
- Power requirements 120V – 575V, 1 phase, 60 cycle (one leg of 3-phase capped)
- Brushless technology with motor totally enclosed for life
- Controller with overload protection for smooth and quiet operation
- Programmable acceleration and deceleration
- Two remote pullcord stations for opening/closing controls
- Dry contact controls
- NEMA 4 enclosures
- Programmable obstruction sensing for safety
- Roller chain #40
- Average speed of 30" per second to open and 18" per second to close
- Optional battery back-up in case of power failure

OPTIONS

- Kickplates
- Vision panels
- Jambs, back frames, and locking provisions
- Finishes: 26 ga 304-2B or 304 #4 stainless steel, 26 ga stucco embossed or smooth galvanized steel
- Rain hood track cover
- Controls: radio receiver with remote operation, motion sensors, photocells, time delay close, and loop detectors

SPECIFICATION SHEET # 104 – Bi-Parting Door - Power

PART I – GENERAL

1.0.1 SCOPE
Supply, where indicated on plans LoTemp Doors' cooler or freezer bi-part power door.

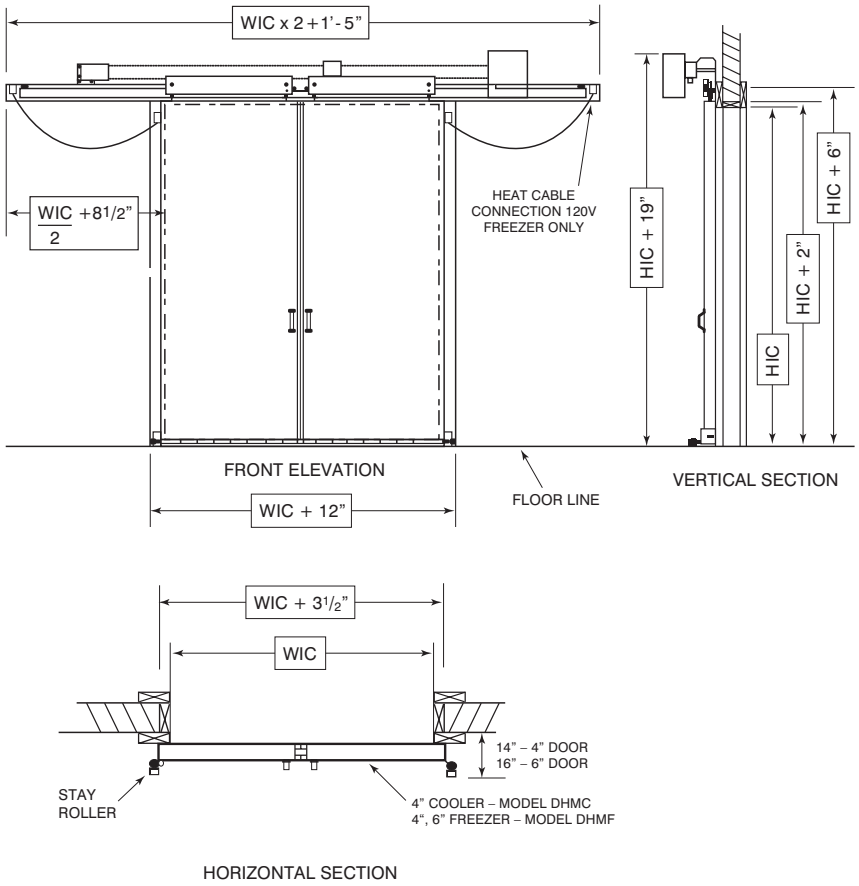
1.0.2 RELATED WORK
Opening preparation, miscellaneous or structural metal work, electrical wiring, wire, conduit, fuses and disconnect switches are in the scope of work of other divisions or trades.

PART II – SPECIFICATION

2.0.1 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.

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

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



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. Connection of the door heaters are the responsibility of electrical contractor. Installation/wiring of activation switches (pullcords etc) power connections to power operated doors and door heaters are the responsibility of electrical contractor.

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.

Walk-In Coolers/Freezers • Restoration & Replacement Doors • Parts, Service & Warranty • Construction Services
15600 37th Ave N • Suite 100 • Plymouth, Minnesota 55446 • 888-227-1629 • www.everidge.com/lotempdoors • info@everidge.com