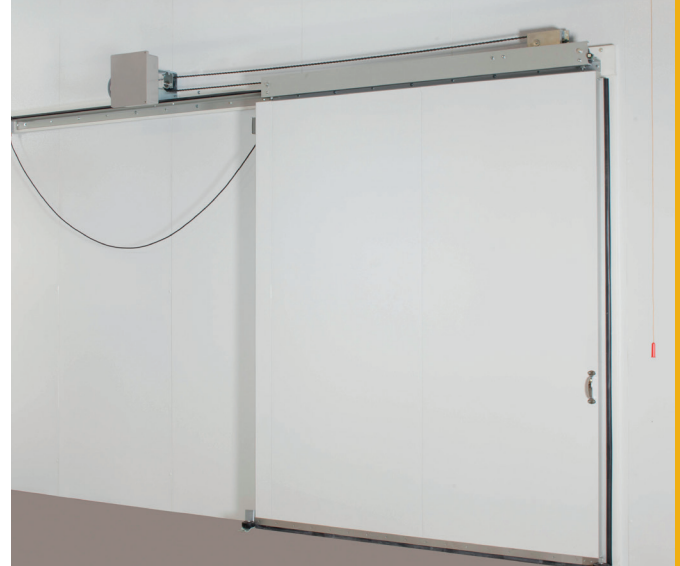




Doors For Temperature Controlled Environments

- 📏 In-Fitting Hinged Doors
- 📏 Single Slide Doors
- 📏 Bi-Part Doors
- 📏 Single Vertical Slide Doors
- 📏 Personnel Doors

www.everidge.com/lotempdoors



Quality, Durability, and High Performance

✓ WOOD FREE CONSTRUCTION ✓ SUPERIOR SEALING ✓ ENERGY EFFICIENT



Exterior bow handles



Interior recessed handles



Adjustable reinforced door seals, mounted on casings and header, correct wall irregularities for a positive seal, eliminating warm air infiltration

The LoTemp Door design incorporates the latest technology and materials available on the market today to provide years of trouble-free service. Our products are suitable for temperature controlled environments, including food processing, warehouses, distribution facilities, and walk-in coolers and freezers. LoTemp Doors are ETL ANSI/UL 471CAN/CSA C22.2 NO.120 listed and covered by a one-year warranty.

Door Panels

Structural components are manufactured in aircraft grade aluminum extrusion or heavy-duty corrosion resistant steel for durability and low maintenance. Door panel frames are produced in aircraft grade aluminum extrusion, reinforced with internal steel corner brackets for enhanced integrity. Door panels are clad with USDA or NSF approved white stucco embossed galvanized steel as standard and incorporate a wood-free design. Available at R-25 for coolers and R-32 for freezers in 4" panels, or R-48 for freezers in 6" panels, of foamed-in-place non-CFC polyurethane, for rigidity and excellent insulation characteristics.

Freezer doors are equipped with integral 115 V door panel heaters at three sides and the bottom of the door. The heaters at the bottom of the door have additional capacity to ensure a warm "chamber" is formed under the door by the seals, eliminating the need for costly in-floor heaters.

Header and Casings

All headers, casings, jambs, and mirror image back frames incorporate a wood-free design with the use of high-density polyethylene extrusion, (HDPE). The HDPE is a maintenance free solution that provides exceptional resistance to moisture, fading, insects, splintering, and warping. Consistent density and no voids in the material minimize the possibility of bacteria, molds, and fungus growth and create a strong durable frame. The HDPE has no wood fillers and has high color stability. The strength, durability, and overall appearance of the HDPE mean that no additional steel cladding of the frame is required. Steel cladding of the HDPE is an option when the frame is required to match a non-white wall.



HDPE panel



In-fitting hinged double door



In-fitting hinged single door



In-fitting reach-in door

In-Fitting Hinged Doors

In-fitting hinged doors provide a simple and cost-effective solution for a wide range of cold storage applications. Single doors are suitable for personnel passage and hand cart traffic, while double doors may be specified for applications where high-volume pallet truck and load handling equipment are used.

The LoTemp hinged door is an all wood-free design, incorporating HDPE for face frame, jambs, and mirror image back frames. Doors have bulb gasket at the three opening sides for a positive seal.

Freezer doors are equipped with integral 115 V heaters in three sides of the frame and the bottom of the door panel. A four-sided bottom gasket on freezer doors provides a "warm" chamber under the door, eliminating the need for in-floor heaters. In-fitting hinged doors are available in standard sizes up to and including 5'0" width clearance x 8'0" height clearance. Please contact us for details of all other sizes.

Standard Features



3 cam lift polished chrome hinges for even weight distribution



Interior push release, with nylon rod for freezer applications



Dutch latch for double door only



Single point padlockable polished chrome latch



Cane bolt for double door only



Single slide power door



Bi-part power doors



Single vertical slide power door



Vertical track with roller

Sliding Doors

Single Slide Manual and Power Doors

Our single horizontal sliding doors are the perfect solution for applications where space is only available on one side of the door opening. Single sliding doors provide access for personnel and load handling traffic, where space restricts the use of hinged, swing doors or where installation space is limited.

Bi-Part Manual and Power Doors

Our bi-part horizontal 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.

Single slide and bi-part doors are available in standard sizes up to and including 12'0" width clearance x 12'0" height clearance. Single slide doors over 8'0" width clearance will be split due to shipping regulations. Please contact us for details of all other sizes.

Single Vertical Slide Manual and Power Doors

Vertical sliding doors are used on exterior walls of refrigerated shipping and loading docks, where openings are close together and there is ample ceiling height.

Standard features of LoTemp vertical lift doors include:

- 3" heavy duty corrosion resistant door track, pre-mounted on vertical casings for easy installation
- 3" sealed nylon track rollers provide quiet, smooth operation
- Single weight counterbalance system
- 3/16" corrosion resistant aircraft steel cable for superior lifting strength
- Pre-wired control box on power operated doors for convenient wall mounting

Single vertical slide doors are available in standard sizes up to and including 10'0" width clearance x 10'0" height clearance. Doors over 8'0" width clearance will be split due to shipping regulations. Please contact us for details of all other sizes.

Engineered for Excellence

Track System

The track system incorporates heavy duty aircraft grade extruded aluminum, an ultra-high molecular weight polyethylene (UHMW) triangle track system, and a heavy duty "V" grooved wheel. These features ensure a tight and uniform seal for energy savings. The self-cleaning track and floor mounted stay rollers guide the bottom of the door to a positive seal. This design eliminates early gasket wear and replacement.

Motor

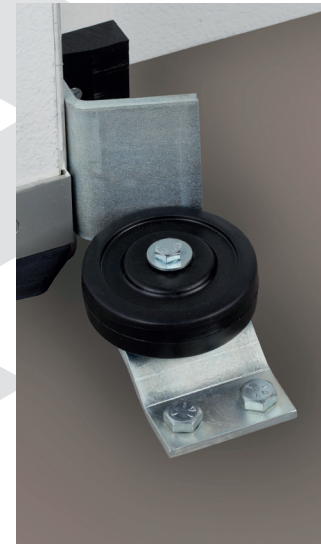
- High quality brushless servo motor ensures positive positioning
- Back driveable without disconnecting from the chain
- High output torque
- Energy efficient
- Proven reliability
- NEMA 4

Controller

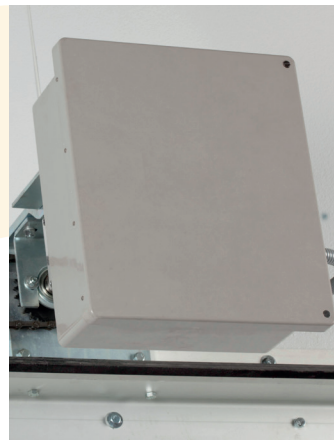
- Programmable speeds for open and close
- Electronic overload protection - no clutch required
- Electronic reversal
- Programmable acceleration and deceleration, with door opening speeds of up to 30" per second per panel and closing speeds of 18" per second per panel, contributing to energy savings
- Self sensing travel limits on open and close eliminates the need for limit switches, reducing maintenance and safety issues
- Soft start/stop, reduces wear on mechanical system
- 24 V AC to power accessory options
- Optional battery back up in case of loss of AC power
- Built in cycle counter allowing you to schedule maintenance
- NEMA 4
- Pre-wired and tested at factory prior to shipping
- Voltages 115 – 575 V at 50/60 cycles



"V" grooved wheel and track



Floor mounted stay rollers



Power models feature a dual speed operator with NEMA 4 control box



Chain adjustment assembly for #40 roller chain on power models

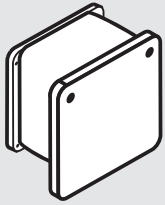
Controls

As standard, two ceiling mounted pull switches, one heated for freezer applications.

Installation

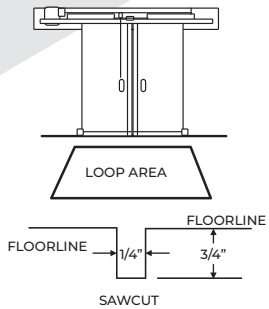
All LoTemp Doors are manufactured to exact customer specifications, not nominal dimensions, to meet the dedicated requirements of your application. Components are pre-wired and pre-assembled for quick and easy installation.

Operating Control Options



Battery Back-Up

Battery back-up units maintain existing door settings and provide full operation of a door in case of power interruption, eliminating downtime and avoiding the need for recalibration. The operating life of battery back-up units varies with operating controls and frequency of operation.



Loop Detector

A loop detector, combined with a pullcord switch for opening, will hold the door open until traffic has cleared the loop. This system optimizes "door open time" by closing the door immediately after the load passes, or after a pre-set time if used with time delay, without waiting for the operator to activate a pullcord switch. Use of loop detectors as an opening device is not recommended.

NOTE: Installation requires 3/4" deep x 1 1/4" wide sawcut in the floor on both sides of doorway (one side only for one-way traffic applications). Loop detector unit supplied by LoTemp. Loop wire supplied and installed in field by others.

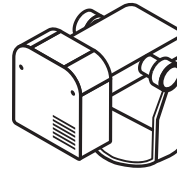
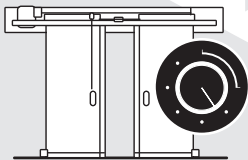
Time Delay Close

Time delay allows automatic door closure after being opened by a pullcord or opening device. The time delay switch can be set for a range of 0 - 60 seconds in 1 second increments. Time delay helps reduce the period for which doors are open to a minimum. Motion detector or loop detector safety is recommended when using time delay close to prevent door from closing on fork trucks traveling through the opening.



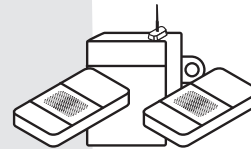
Partial Opening Control

The partial opening control minimizes door open time and is ideal for large material handling and storage doors that are frequently used by pedestrian traffic. The control allows the door to open wide enough for pedestrians or hand cart traffic without full door opening. The system uses one push button to activate and open the door and a time delay switch to automatically close the door. Freezer units are equipped with one heated push button inside the freezer. This control can be used in conjunction with other door operating controls.



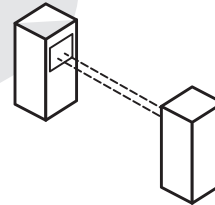
Motion Detector

Effective for all types of traffic patterns, the door opens when the motion field is broken. The door remains open until the field is clear and then closes automatically. The detection area and field sensitivity can be adjusted on site. Suitable for use in freezers. Excellent alternative to loop detectors or photocell units. One unit per side required.



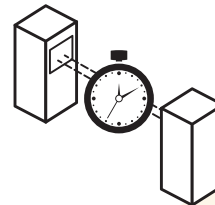
Radio Controls

The small transmitter automatically opens the door from any position or distance within range. Different frequencies are available for facilities with several doors. The system provides security by limiting the number of individuals who can open the door(s).



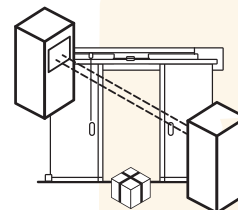
Photocell Opening/ Closing System

Recommended for one-way traffic patterns and conveyor applications, the door is opened when a light beam is broken by approaching traffic. The door remains open until the traffic breaks the beam of light on the other side of the door.



Photocell Open With Time Delay Close

Ideal for train or tram type traffic applications, the photocell beam holds the door open while the beam is interrupted. A time delay closes the door after a pre-set time has elapsed. The system is suitable for two-way traffic applications and congested areas.



Photocell Safety

Photocell safety returns the door to the fully open position and stops if the photocell beam is interrupted during the closing cycle. The operator then uses a pullcord or other chosen closing device to re-activate and close the door.

Solutions Configured to Your Requirements

Optional Accessories

A comprehensive range of options is available for all LoTemp Doors, allowing you to incorporate features tailored to your specific cold storage application.

- High sill
- Keyed cylinder for hinged doors only
- Stainless steel hardware for hinged doors only
- Vision panels
- Kick plates
- Meat rail ports
- Rain hoods
- Interior jamb
- Back frames
- Locking devices
- Pedestrian pass doors for sliding doors only
- Alternative finishes
- Additional heated seals for sliding doors only



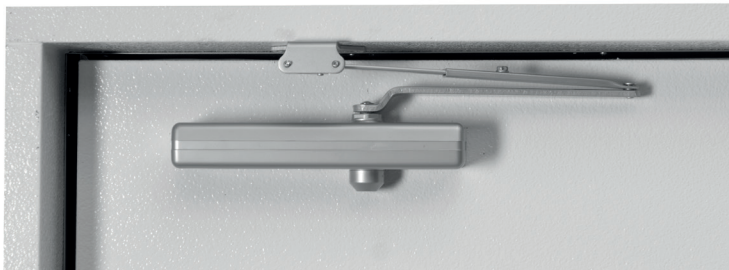
Double heat, double gasket option for extreme temperatures



Interior bump bar over inside push release with exterior padlockable latch



Panic hardware for exit only applications



Interior/ exterior door closer

PD2 Insulated Personnel Door

The LoTemp insulated personnel door is designed for light to medium duty applications, involving personnel foot traffic and light duty cartage. The energy efficiency of these doors is a perfect application for use in lieu of traditional wood, steel, or composite doors.

Casings/Header/Jamb/Back-ups

PD2 personnel door casings, header, and back-ups are manufactured in metal clad HDPE. The door jamb is PVC profile, providing an integrated thermal break. Door leaves are pre-mounted to jambs.

Door Panel

The PVC profile door frame has mitered corners, steel corner brackets, and clad with two USDA approved 24-gauge steel or .040 aluminum face sheets. (Smooth white and stainless-steel face sheets are optional). Back up blocking is used at all hinges, latch, handle, closer, and lock attachment points. The panel is foamed in place with at least 1.75" of polyurethane insulation (R16). Gasketing is jamb mounted compression gasket around the full perimeter of the opening and a panel mounted adjustable sweep gasket. All hardware and mechanisms are corrosion resistant materials. No organics such as wood or wood composites are used for the door panel structure or blocking.

Hinges

Hinges are butt hinges and the lockset is Hager 3600 lever style.



Standard Features

- Standard sizes of 36" x 84" and 48" x 84.
- Wood-free construction
- Variety of 24 ga. metal finishes
- .040 aluminum finish
- Heavy duty HDPE structural frame
- 1.75" thick door panel
- Foam in place polyurethane core
- Perimeter jamb mount compression gasket
- Adjustable sweep gasket

Hardware

- Three stainless steel butt hinges (Hager #1101)
- Stainless steel lockset (Hager #3600 lever style)

Available Finishes

- 24 ga. stainless steel, smooth/embossed, 304#4
- 24 ga. SaniSteel®, smooth, white
- 24 ga. galvanized, smooth/embossed, white
- 24 ga. galvanized, smooth, mill
- .040 aluminum, smooth/embossed, white
- .040 aluminum, smooth, mill

Options

- Door closer (Hager #5200)
- Panic bar (Hager #4701)
- Vision panels (14" x 14", 14" x 24")
- Heated vision panels
- Kick plates



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