

LOTTEMP DOORS®

BY EVERIDGE®



**Doors For Temperature
Controlled Environments**

◆ Wood Free Construction ◆ Superior Sealing ◆ Energy Efficient

LoTemp Doors by Everidge® are designed with durable, corrosion-resistant materials to provide years of reliable, trouble-free service in demanding temperature-controlled environments. Our doors are ideal for food processing facilities, warehouses, distribution centers, and walk-in coolers and freezers. LoTemp Doors are ETL listed to ANSI/UL 471 and CAN/CSA C22.2 No. 120 standards and are backed 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 frame heaters on 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 back frames feature a wood-free design constructed from high-density polyethylene (HDPE). This durable, maintenance-free material resists moisture, corrosion, insects, splintering, and rot while providing a smooth, non-porous surface that helps support hygienic environments. The strength and durability of HDPE eliminate the need for steel cladding in most applications, though optional steel cladding is available to match non-white wall finishes.



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



In-fitting hinged double door



In-fitting hinged single door



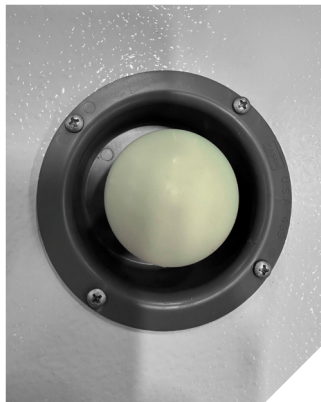
In-fitting reach-in door

IN-FITTING HINGED DOORS

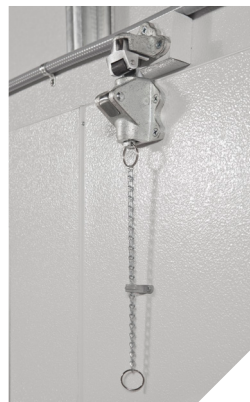
Standard Features



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



Cane bolt for double door only



Single point padlockable polished chrome latch

In-fitting hinged doors provide a simple, cost-effective solution for a wide range of cold storage applications. Single doors are ideal for personnel access and hand cart traffic, while double doors accommodate pallet trucks, load-handling equipment, and other high-traffic operational needs.

LoTemp hinged doors can be configured with a variety of hardware and access control options to meet facility specifications. Available features include: electronic access control, card readers, panic hardware, door closers, vision panels, and kick plates.

LoTemp Doors can be customized to support your application while delivering reliable performance in demanding cooler and freezer environments.

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.

Available in a range of widths and heights to suit your application. Contact us for additional size options.

Wall-Mounted Guide

The Wall-Guide provides another guide option for slider door applications, alongside traditional floor-mounted stay rollers. By moving the guide from the floor to the wall panel, this option can help reduce concerns from pallet jacks, carts, foot traffic, and damaged concrete anchors while maintaining reliable slider door performance.

Ideal for both new slider door installations and retrofit applications, the wall-mounted guide is especially useful for existing units with worn, loose, or damaged floor rollers. Installed through the panel using nylon thru bolts, it eliminates the need to repair or refill concrete holes and provides a quick, clean upgrade that improves safety, durability, and long-term serviceability.



Single slide power door



Bi-part power doors

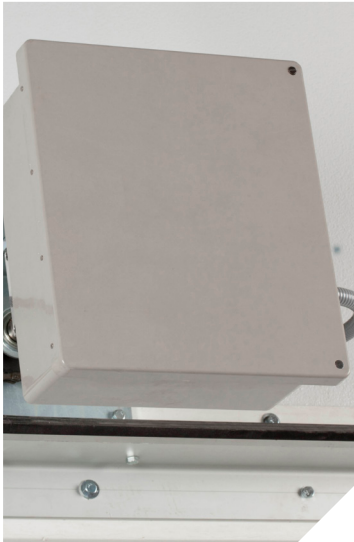




"V" grooved wheel and track



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.

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.

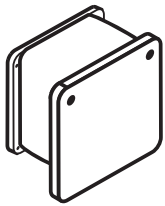
Motor

- 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

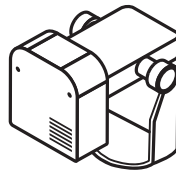
- Programmable speeds for open and close
- Electronic overload protection - no clutch required
- Electronic reversal
- Programmable acceleration and deceleration, with door opening speeds of up to 30" per second per panel and closing speeds of 18" per second per panel, contributing to energy savings
- 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

OPERATING CONTROL OPTIONS



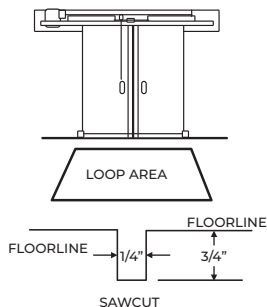
Battery Back-Up

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.



Motion Detector

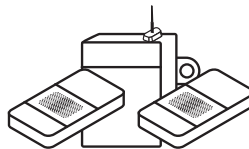
Effective for all types of traffic patterns, the door opens when the motion field is broken. The door remains open until the field is clear and then closes automatically. The detection area and field sensitivity can be adjusted on site. Suitable for use in freezers. Excellent alternative to loop detectors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



Loop Detector

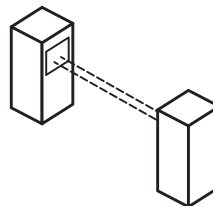
A loop detector, combined with a pullcord switch for opening, will hold the door open until traffic has cleared the loop. This system optimizes "door open time" by closing the door immediately after the load passes, or after a pre-set time if used with time delay, without waiting for the operator to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

NOTE: Installation requires 3/4" deep x 114" 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.



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).



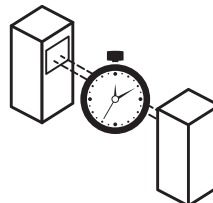
Photocell Opening/ Closing System

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.



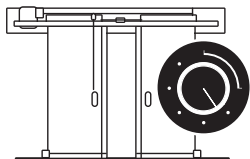
Time Delay Close

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.



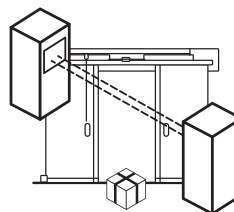
Photocell Open With Time Delay Close

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.



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.



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



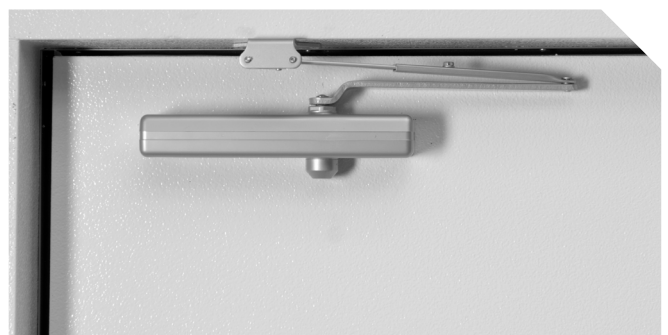
Double heat, double gasket option for extreme temperatures



Interior bump bar over inside push release with exterior padlockable latch



Panic hardware for exit only applications

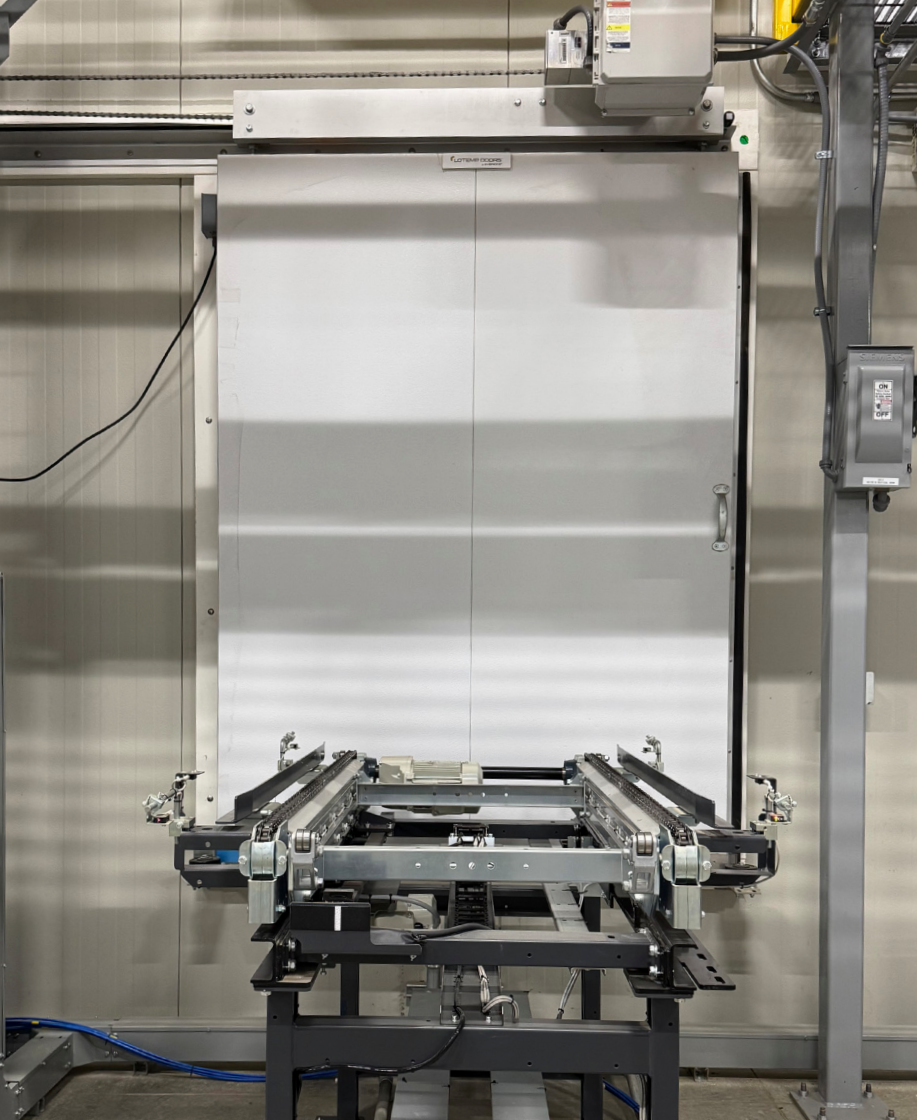


Interior/exterior door closer

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 jambs
- Back frames
- Locking devices
- Pedestrian pass doors for sliding doors only
- Alternative finishes
- Additional heated seals for sliding doors only



LOTEMP DOOR APPLICATIONS

- ❖ Cold Storage Distribution Centers
- ❖ Third-party logistics (3PL) cold storage facilities
- ❖ Frozen Food Warehouses
- ❖ Produce & Fresh Food Processing Facilities
- ❖ Meat & Poultry Processing Facilities
- ❖ Dairy Plants / Creameries
- ❖ Commissary Kitchens
- ❖ Blast Freezers
- ❖ Biotech Labs
- ❖ Blood Banks
- ❖ Seed Storage
- ❖ Floral Cold Rooms



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All specifications are subject to change without advance notice.