



COLD STORAGE SOLUTIONS

Cooler | Freezer | Low-Temp



COLD STORAGE DOOR SOLUTIONS



CHASE DOORS COLDCUARD
SWING DOORS



CHASE DOORS COLDCUARD
SLIDING DOORS



CHASE DOORS COLDCUARD
VERTICAL LIFT DOORS



CHASE / TMI FLEXTHERM
INSULATED CURTAINS



CHASE DOORS DURULITE
TRAFFIC DOORS



CHASE DOORS AIRGARD
FLEXIBLE DOORS



CHASE DOORS CR-1400
CORROSION RESISTANT DOOR



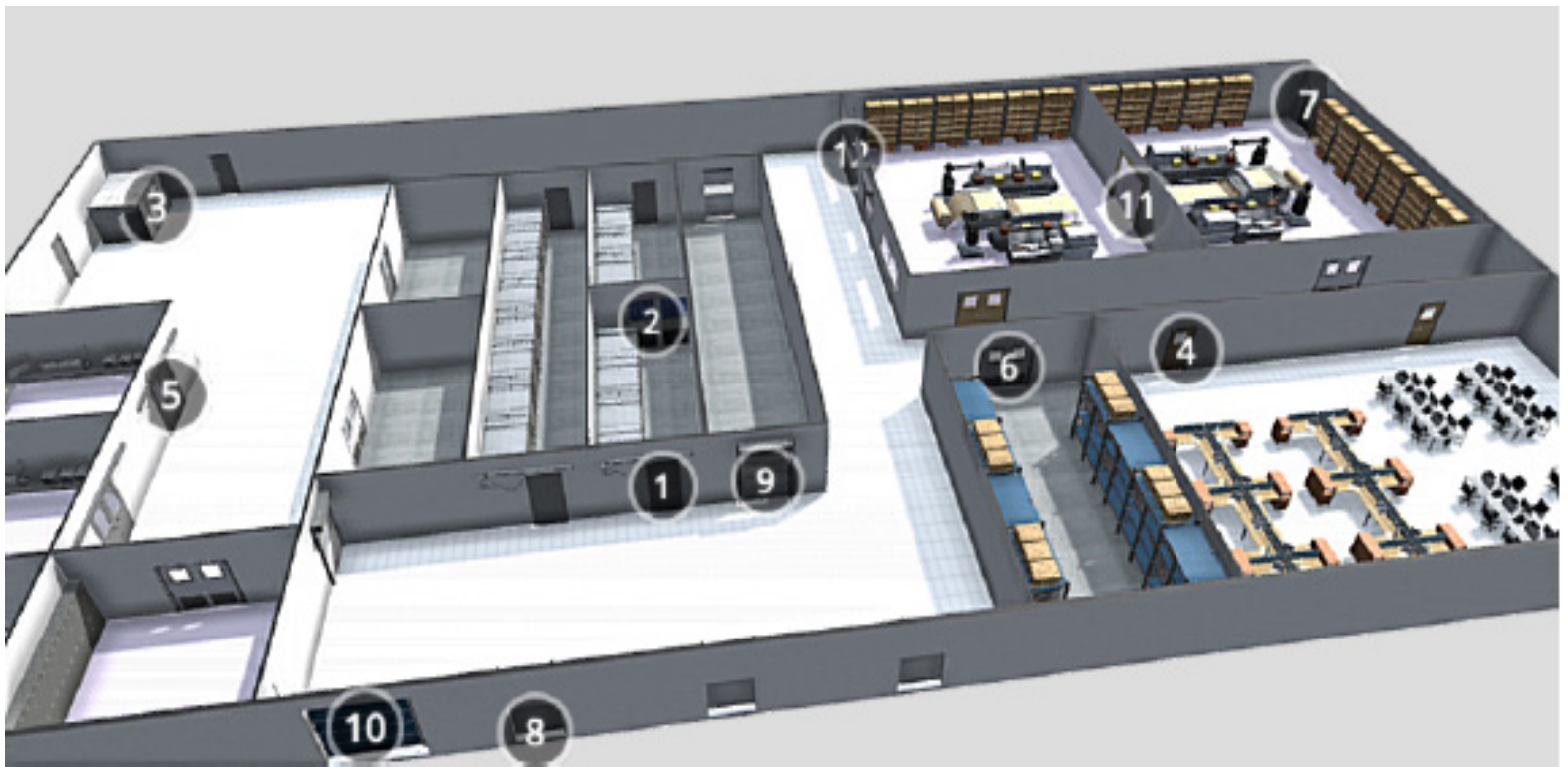
FRP COLD STORAGE DOORS



CHASE / TMI AIR BARRIERS



CHASE DOORS ECONOMAX
PVC / STRIP DOORS



1 Horizontal Cold Storage Door



Common Applications:
Coolers / Freezers

5 Saino Sliding Pharma Door



Common Applications:
Pharmaceutical, Medical/

9 High Speed Roll Up Door



Common Applications:
Food, Beverage and Cold Storage

2 Industrial Curtains



Common Applications:
Packaging Areas

6 Durulite Traffic Door



Common Applications:
Kitchen & Restaurant, Industrial Commercial, Secondary Cooler

10 Screen Pro Roll Up Bug Door



Common Applications:
Loading Docks, Shipping & Receiving

3 Simplex Modular Cleanroom



Common Applications:
Medical, Optics, Food Prep, Aerospace

7 HMF Express Door



Common Applications:
Warehouse/ Office Space

11 Strip Door



Common Applications:
Coolers / Freezers Room Separation

4 Chase Corrosion Resistant Doors



Common Applications:
High Abuse Interior Applications

8 Vertical Lift Cold Storage Door



Common Applications:
Warehouse Loading Docks



COLD STORAGE DOORS - COLDGUARD SWING DOOR

ColdGuard single and double panel swing doors are used in applications where environmental control is necessary.

ColdGuard cooler and freezer swing doors provide proven performance and time-tested sealing for any new or existing application. ColdGuard cooler and freezer doors are suitable for interior and exterior applications and can be custom manufactured to your exact requirements.

WHY CHOOSE SENNECA SWINGING COLD STORAGE DOORS?

- Extremely durable, insulated panel
- Positive Seal magnetic gasket
- Frame flush with floor for easy install
- Self-lubricating cam lift hinges
- Emergency release latch
- Factory tested, installation ready

When required, DOE doors will be provided.



COLDGUARD SWINGING DOORS

TRAFFIC: Pedestrian

APPLICATIONS: Supermarket, Retail, Restaurant, Food Processing, Institutional, Cold Storage, Industrial

DOOR BODY: Thermally neutral fiberglass reinforced polymer (FRP) framework with CFC-Free foamed-in-place polyurethane core. Front casings are fiberglass reinforced polymer (FRP) with molded polymer plastic thru-wall and mirror image casings. Positive seal magnetic gasket is standard, along with self-lubricating cam lift hinges and standard cold storage latch.

WINDOW: Vision panels available in non-heated (cooler) or heated (freezer)

COLDGUARD SWINGING DOOR OPTIONS:

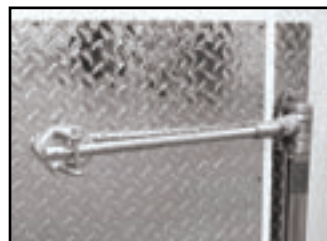
- Optional cladding includes stainless steel, embossed white galvanized, embossed mill galvanized, embossed white aluminum, embossed mill aluminum, smooth white aluminum, smooth white galvanized, embossed galvalume and smooth galvalume
- Backup mirror image casing
- Jamb wall caps
- Thru-wall jamb casings
- Keyed latch
- Door closer with standard soft touch latch
- Casing mounted thermometer
- Casing mounted light switch
- Panic bar latching hardware
- Heat in casing for freezer applications
- Heat in casing and door for -20°F applications
- Polished aluminum diamond tread kick plates
- Satin finish stainless steel kick plates
- Heated or non-heated threshold
- 6" door thickness for extreme environmental differentials (greater than 100 degrees)
- Custom sizes available



Magnetic Gasket Seal



Optional Panic Bar



Optional Door Closer



Casing Mounted Thermometer and Light Switch

When required, DOE doors will be provided.



COLD STORAGE DOORS - SLIDING COLD STORAGE DOORS

The Chase Doors ColdGuard horizontal sliding door is designed for high cycle, abusive applications and is the workhorse of our cold storage door product offering. We incorporate materials and design features including a maintenance free, heavy duty track system with permanently lubricated rollers, molded polymer face casings, and impact resistant FRP perimeter panel framing. These “best in class” features are standard in all manual and motorized door systems. ColdGuard horizontal doors are available in single and bi-parting for cooler or freezer applications.

WHY CHOOSE SENNECA SLIDING COLD STORAGE DOORS?

- Extremely durable, insulated panel
- Heavy duty under-panel floor guide
- Custom manufactured
- Maintenance free, heavy duty track
- Factory tested, installation ready
- Freezer door perimeter heat

When required, DOE doors will be provided.



COLDGUARD SLIDING DOORS

TRAFFIC: Pedestrian, Push Cart, Pallet Jack & Forklift

APPLICATIONS: Supermarket, Restaurant, Food Processing, Institutional, Cold Storage, Industrial

DOOR BODY: Heavy duty track system with permanently lubricated rollers, molded polymer face casings and impact resistant FRP perimeter panel framing with a CFC-Free foamed-in-place polyurethane insulation. Standard finish is 26 gauge USDA embossed white galvanized steel. Available in 4" and 6" panel thickness with an R Value of 25 and 40, respectively. Heavy duty under-panel track and a panel gasket system.

WINDOW: Vision panels available in non-heated (cooler) or heated (freezer)

COLDGUARD SLIDING DOOR OPTIONS:

- Optional finishes include stainless steel, embossed white aluminum, embossed mill aluminum, smooth white galvanized, embossed black galvanized, embossed white galvanized, embossed galvalume and smooth white aluminum and embossed mill galvanized
- Polished aluminum diamond kick plates and satin finish stainless steel kick plates
- Powder coated, galvanized or stainless steel track hoods for wash down or exterior applications
- 6" door thickness, for extreme environmental differentials (greater than 100 degrees)
- Optional thru-wall jamb or mirror image casings
- Jamb wall caps
- Padlock locking device (available with electric interlock)
- Metal clad vertical casings and header
- Standard or Heavy Duty PLC controlled operators - Standard Duty (NEMA 1) or Wash down (NEMA 4)
- An array of activators includes radio control, motion detectors, photo cells and induction floor loop
- All operated doors ship with two pull cord activators (freezer models - 1 heated, 1 non-heated)
- Time delay close
- Electric interlock
- 3 button partial opening control (close-open-stop)



PerfectSeal™ Gasket System



Adjustable Concealed Floor Guide System



Extra Heavy Duty (EHD) Track System



Standard Duty (SD) Track System and Roller Assembly

When required, DOE doors will be provided.



COLD STORAGE DOORS - VERTICAL LIFT DOORS

ColdGuard vertical lift doors are available manually operated or with electric motor operation. Vertical lift doors are ideal for loading docks, warehouses and areas with limited side room. Chase ColdGuard vertical lift doors incorporate the same FRP perimeter framework that our horizontal doors utilize, insuring a durable panel with excellent insulation qualities. Chase vertical lift doors are available for both cooler or freezer applications and are available in 4" and 6" thick panels. **Recommended for low cycle applications only.**

WHY CHOOSE SENNECA VERTICAL LIFT COLD STORAGE DOORS?

- Cloth inserted neoprene bottom seal
- Neoprene top and side seals
- Smooth travel and tight seal track
- Manual or electric operation
- Freezer doors - 115v perimeter heat
- Completely tested before shipping

When required, DOE doors will be provided.



COLDGUARD VERTICAL LIFT DOORS

TRAFFIC: Pedestrian, Push Cart, Pallet Jack & Forklift

APPLICATIONS: Supermarket, Retail, Restaurant, Food Processing, Institutional, Cold Storage, Industrial

DOOR BODY: Thermally neutral fiberglass reinforced polymer (FRP framework and foamed-in-place core. Standard weighted counterbalance system, heavy duty hardware and 3" tracks and a neoprene seal on face of casings. Track mounted neoprene rubber low temp cloth reinforced gasket located on the bottom edge of the door. Freezer doors equipped with 115 volt perimeter heat cables.

WINDOW: Vision panels available in non-heated (cooler) or heated (freezer)

COLDGUARD VERTICAL LIFT DOOR OPTIONS:

- Optional finishes includes stainless steel, embossed white galvanized embossed mill galvanized, embossed white aluminum, embossed mill aluminum, smooth white aluminum, smooth white galvanized and smooth galvalume
- Optional thru-wall jamb or mirror image casings
- Modified vertical lift design
- Optional torsion spring counter balance
- Chain hoist
- Jamb wall caps
- Aluminum diamond tread kick plate
- Satin finish kickplate
- Custom sizes available
- Vertical lift power operators



Heavy Duty Vertical Lift Track



Optional torsion spring counter balance shown, weighted counter balance is standard.

When required, DOE doors will be provided.

COLDGUARD SLIDING & VERTICAL LIFT DOOR OPERATORS



1900-RLS OPERATOR

(pictured left above)

FEATURES:

- NEMA 4 enclosure, suitable for washdown applications
- Variable speed motor (up to 40" per second for single, up to 80" per second for bi-parting)
- Soft start/ stop feature
- Pre-wired and pre-mounted control panel
- 120 or 240 volt incoming single phase
- UL listed and labeled control panel

FOR MODEL: Sliding Cold Storage Doors

POWER OPERATOR

FEATURES:

- Totally enclosed, fan cooled, 3/4 HP, jackshaft electric operator
- Photo-eye beams mounted near floor level on door casing, stops and reverses door to fully open position if any obstruction is sensed while closing
- Includes two pull cords (1 heated in freezer applications)

FOR MODELS: Vertical Lift Cold Storage Doors



1900-RLS-M OPERATOR

(pictured right above)

FEATURES:

- NEMA 1 Standard (NEMA 4 optional)
- Enclosed, fan cooled, 1/2hp, instant reversing, electric motor operating up to 18" per second (single), 36" (bi-parting)
- Panel mounted reverse edges
- Heavy duty enclosed gear drive w/ adjustable torque limiter
- Manual disconnect including inside safety release
- Pre-wired and pre-mounted control panel
- 208 / 230 / 460 volt incoming 3-phase power standard
- UL listed and labeled control panel

FOR MODELS: Sliding Cold Storage Doors



Bi-parting ColdGuard Sliding Cold Storage Doors

When required, DOE doors will be provided.



COLD STORAGE DOORS - INSULATED CURTAIN

The TMI Flextherm insulated Curtain Wall is the ideal solution for refrigerated areas, food processing facilities, walk-in coolers and freezers, distribution centers or any other area that requires a barrier for temperature control. The TMI Insulated Curtain allows you to maximize your available space and provides easy installation, retractability and mobility not available in permanent wall fixtures and are about 1/3 the cost. TMI Insulated Curtains are made with durability in mind, constructed of reinforced flame retardant vinyl and mildew resistant thread.

WHY CHOOSE SENNECA INSULATED CURTAINS?

- Versatile - mobile for relocation
- Easy Installation
- Curtain material meets flame retardant code NFPA701 and California Fire Marshall Standard
- Optional track system
- Top reinforced hem



TMI CLEAN SCREEN CURTAIN

TRAFFIC: Pedestrian, Push Cart, Pallet Jack, Forklift, Vehicles

APPLICATIONS: Food Processing, Cold Storage Environments, Walk-In Coolers and Freezers, Distribution Centers

CURTAIN BODY: Made of non-porous, clear, low temperature flexible PVC that meets CRF Title 21 regulations, which is reserved for the rules of the FDA. This material creates a clear barrier, promoting visibility and safety, while remaining flexible at temperatures as low as -20F.

FEATURES:

- Stainless Steel, open top hardware promotes improved sanitation and increased operational efficiency.
- Heat sealed hems are used instead of sewn hems, creating a weatherproof seal that does not fray, tear or allow bacteria growth.
- Stainless steel grommets are used to promote sanitary conditions.
- Custom built to your application and specifications.



Standard Track



Ceiling Support Mount



Track Splice Wall Mount Down



Standard Roller



End Stop



Curved Track



COLD STORAGE DOORS - DURULITE RETAILER R25D

Durulite Traffic Doors have a one-of-a-kind strength due to its rotationally molded polyethylene construction. Standard tests for impact resistance indicates that rotationally molded polyethylene is 5 times more puncture resistant and 3 times more flexible than ABS material. The corrosion resistant panel is ideal for wash down applications as it has no gaps or joint seams. Plus, with an insulated CFC-Free urethane foam core, Durulite traffic doors not only provide sound abatement, but excellent thermal separation in your cold storage environments.

WHY CHOOSE SENNECA TRAFFIC DOORS?

- High density, CFC-Free core
- Perimeter Gasketing
- USDA Accepted
- V-Cam Hinge System
- Rotationally Molded Polyethylene Skin
- Lightweight Panel

When required, DOE doors will be provided.



DURULITE TRAFFIC DOORS

TRAFFIC: Pedestrian, Push Cart, Pallet Jack & Forklift (varies per model)

APPLICATIONS: Supermarket, Retail, Restaurant, Food Processing, Institutional, Cold Storage, Industrial

DOOR BODY: Lightweight, Rotationally molded polyethylene outer skin, meets USDA sanitation requirements **WINDOW:** Large polycarbonate vision panels are standard

DURULITE TRAFFIC DOOR OPTIONS:

- Industrial and Standard Double-pane windows for use when temperature differential between rooms exceeds 30° F.
- ADA windows available for all Retailer doors
- 180° x 90° door hinge system
- Surface mounted kickplates
- Limiting posts
- Double locking device (lock not included)
- Rotationally molded polyethylene tear drop bumpers
- Roto-molded polyethylene "D" shape Universal SlideTrac Bumper



Optional Limiting Posts



Durulite Traffic Door next to a ColdGuard Sliding Cold Storage Door

When required, DOE doors will be provided.



COLD STORAGE DOORS - FLEXIBLE DOORS

Flexible impact traffic doors are often the best solution for those difficult applications where wide loads are passing through narrow door openings. All Senneca flexible impact traffic doors operate on top mounted only, gravity-operated hinges that open easily and close automatically. There are no bottom hinges present for loads to damage or for the user to maintain.

WHY CHOOSE SENNECA FLEXIBLE DOORS?

- Top-Mounted Gravity Hinge
- Easy installation and cost effective
- Good for heavy traffic applications
- Virtually maintenance free
- 3" center overlap
- USDA Accepted

When required, DOE doors will be provided.



AIRGARD® & ECONOCLEAR® FLEXIBLE DOORS

TRAFFIC: Pedestrian, Push Cart, Pallet Jack & Forklift (varies by model)

APPLICATIONS: Supermarket, Retail, Food Processing, Industrial, Institutional and Warehouse

DOOR BODY: (varies by model) Constructed with PVC and/or an abrasion-resistant vinyl coated nylon material with 3" overlap at center - providing a noise a temperature barrier. Top Mounted Gravity Hinge System is standard.

WINDOW: Various window configurations available

AIRGARD / ECONOCLEAR FLEXIBLE DOOR OPTIONS:

- Window Options
- Impact / Kick Plates
- Hinge Options
- Color Options



Top-Mounted Gravity Hinge System

When required, DOE doors will be provided.



DURULITE CR-1400 CORROSION RESISTANT DOOR

The Chase CR-1400 corrosion resistant door system is designed for a virtually maintenance-free lifetime experience. They are custom designed to optimize your heavy-duty interior applications. Bolstered by an ultra-high density urethane foam core, CR-1400 are resistant to scratches and dents, as well as corrosive acids, petroleum products and cleaning solvents. They are widely compatible, have a broad selection of colors that will not fade, and are manufactured at industry-best speed.

WHY CHOOSE THE CR-1400 CORROSION RESISTANT DOOR?

- Excellent insulation qualities that are environmentally friendly.
- Door panel can retain it's properties from -40°F to 150°F
- Sanitary surface never needs painting and cleans easily with soap and water.
- Lightweight and easy to open

When required, DOE doors will be provided.



COLD STORAGE DOORS - AIR BARRIERS

Properly selecting a custom made Air Barrier that can create an efficient and effective seal is as important as the decision to install the technology. We design and custom build our units to perform in the toughest climates. We don't take any shortcuts when it comes to quality. There are varying Air Barrier concepts on the market claiming to be equal to the design, but when comparing feature to feature they fall well short.

WHY CHOOSE SENNECA AIR BARRIERS?

- Save energy
- Reduce frost build-up
- Keep out heat / humidity
- Deter dust & insects
- Environmental separation
- Temperature consistency

When required, DOE doors will be provided.



AIR BARRIERS FOR COLD STORAGE

TRAFFIC: Pedestrian, Push Cart, Pallet Jack & Forklift

APPLICATIONS: Supermarket, Retail, Restaurant, Food Processing, Institutional, Cold Storage, Industrial

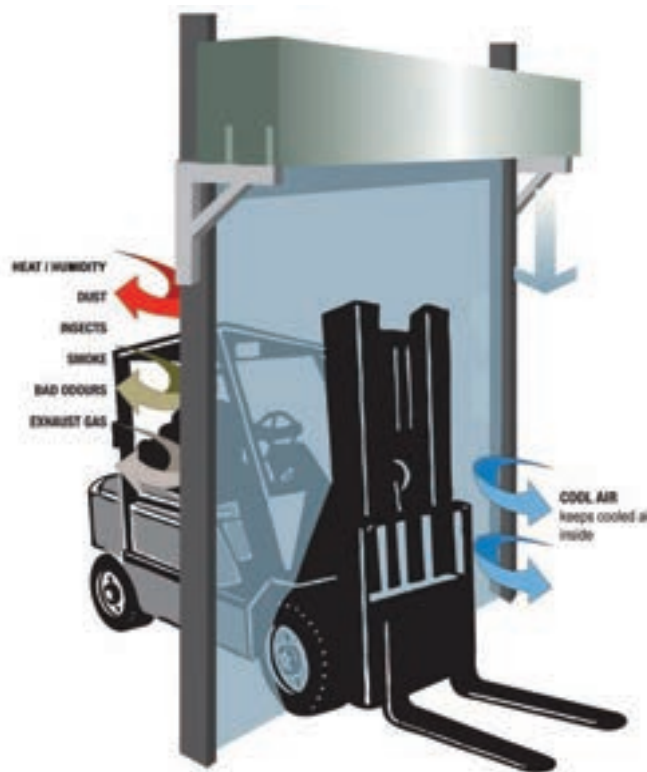
CONSTRUCTION: Units are custom manufactured to fit our application. Uniform and consistent spacing of blowers, external motor placement on larger units along with patented unique diffuser gives required laminar air flow to efficiently seal the door. Articulating nozzles allow for directional control of the air stream while ensuring minimal turbulence in the air flow.

AIR BARRIER OPTIONS:

- Can be mounted horizontally or vertically
- For freezer or cooler applications
- Color options available



Vertical Mounted Air Barrier



Protect your Coolers and Freezers from rising Temperatures and Insects while also keeping them clean

When required, DOE doors will be provided.



COLD STORAGE DOORS - STRIP DOORS & PVC

EconoMax Strip Doors are very versatile and can adapt to a wide range of applications. Strip doors are commonly used as a secondary barrier when the primary barrier is left open for extended periods of time. A strip door permits unimpeded traffic flow of personnel, materials or equipment and maximizes productivity. When used in conjunction with cooler and freezer doors, strip doors are a cost-effective solution for saving energy, maintaining temperature and reducing condensation and icing problems inside coolers and freezers. Maintaining proper temps inside coolers and freezers ensures that products are stored at specified temperatures, reducing spoilage and extending shelf life.

WHY CHOOSE SENNECA STRIP DOORS & PVC?

- Cost effective barrier system
- Reduce energy costs
- Fewer accidents at doorways
- Control temperature differentials
- Improve traffic flow
- Barrier against wind, dust & noise

When required, DOE doors will be provided.



ECONOMAX STRIP DOORS & PVC

TRAFFIC: Pedestrian, Push Cart, Pallet Jack & Forklift

APPLICATIONS: Supermarket, Retail, Restaurant, Food Processing, Institutional, Cold Storage, Industrial

DOOR BODY: Choose from a variety of mounting brackets with your choice of our standard low temp PVC, low-temp reinforced PVC or Low Temp Loc-Rib PVC materials. Strip material thicknesses may vary based on material. Low temp strips remain pliable down to -20°F and can be used in areas where USDA accepted material is required.

ECONOMAX LOW TEMP STRIP DOOR OPTIONS:

- Optional PVC materials: Low Temp, Low Temp Reinforced and Loc-Rib Low Temp.
- PVC material thickness & width. Low Temp: thicknesses range from .060" to .160" and widths from 4" to 16". Low Temp Reinforced: thicknesses range from .060" to .120" and widths from 6" to 12". Loc-Rib Low Temp: thicknesses range from .080" to .160" and widths from 8" to 16".
- Optional mounting brackets: EconoTrack, Bi-Mount, Fast Mount, Trolley Mount, Overhead / Roll-up, Gate / Hinge, Face of Wall Mount, In-Jamb Mount



Low Temp Loc-Rib Material



Strip Doors shown in conjunction with ColdGuard Sliding Cold Storage Door

When required, DOE doors will be provided.



 **Chase Doors**
— A SENNECA COMPANY —

 **90** YEAR
ANNIVERSARY

Senneca Holdings is redefining the specialty door market and has a full range of Cold Storage Door solutions. Whether your project is new construction, replacement or retrofit cooler or freezer; we have the products to meet the needs of your cold storage application.

Who We Are

Senneca Holdings is a designer and manufacturer of a broad portfolio of speciality doors for commercial and industrial applications and enclosures for mission critical environments. Our brands are some of the most widely recognized names in the industry and include Chase Doors, Eliason, ColdGuard, Saino, Subzero and Thermoseal.

We strive to deliver the greatest value to our customers and exceed their expectations. We do this by developing highly skilled and experienced associates, investing in state-of-the-art technologies, fostering a culture of continuous improvement, and focusing on providing an exceptional customer experience and high quality work that is delivered on time, all the time.

Markets Served

Everywhere you go, you will find the brands of Senneca Holdings. Our portfolio allows us to provide the most complete and best suited solution for a multitude of markets. Our products have been tested to meet the ratings and standards required by many industries, such as hurricane ratings for coastal projects. Whether you have a small retrofit job or a large, new construction project, we are available to help you select, specify and design the sight solution for your applications.

 AMUSEMENT PARK	 FOOD PROCESSING	 PRISONS
 AVIATION	 FOOD SERVICE	 PULP AND PAPER
 CAR WASH	 GAS STATION	 RESTAURANT
 CASINOS	 HOTEL	 RETAIL
 CHEMICAL MANUFACTURING	 INDUSTRIAL	 SCHOOLS / UNIVERSITIES
 CLEANROOM	 INSTITUTIONAL	 STADIUM
 COASTAL	 LABORATORIES	 SUPERMARKET
 COLD STORAGE	 MANUFACTURING	 UTILITIES
 CONVENIENCE STORE	 MILITARY	 WAREHOUSE DISTRIBUTION
 DATA CENTERS	 PHARMA	 WATER / WASTEWATER
 FIRE STATIONS	 POSTAL	 ZOOS / AQUARIUMS

INDUSTRIES SERVED:



SUPERMARKETS / GROCERY STORES



FOOD PROCESSING



RESTAURANTS



INSTITUTIONAL



WAREHOUSE DISTRIBUTION



FOOD SERVICE

In our continuing effort to improve, some specifications or descriptions may change. We reserve the right to make changes without notice or recourse.

