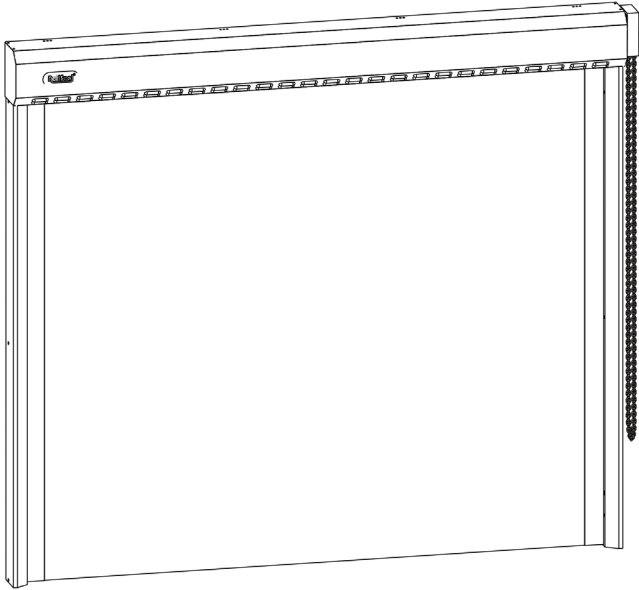


RS-200 Night Door



As a designer and manufacturer of unique doors, our customers sometimes ask us about applications in the hope that we can create affordable solutions to their specific needs. The RollSeal Night Door is a great example of this.

As cold storage facilities change over time, designers and architects keep coming up with more innovative and energy-efficient ways to design grocery stores and food-service venues that are more appealing, innovative, and shopper-friendly than they have been in the past.

The RollSeal Night Door is used in applications where cold storage areas are open to the public during the day and are shut down to cool overnight. The majority of the time, the Night Door is used in conjunction with an air curtain, though it can also be used as a standalone separator unit.

The RollSeal Night Door is available in custom sizes and with a chain-hoist operator. Each Night Door comes with the same airtight sealing methodology as all other RollSeal doors and is equipped with our Egress Track System for additional employee safety and ease of operation.

Design Considerations

For interior installation.	The Night Door is designed to be mounted to the interior of the building.
To be face-mounted to the exterior wall of the cooler.	The Night Door is designed to be face-mounted to the exterior wall of the cooler. This ensures proper egress function from inside the cooler and manual operation of the door (if required) from the outside. No additional framing or backing is required.
Emergency Egress Track System	This allows the door tracks to swing open when the fabric panel is pushed from the inside of the door.

Operational Parameters

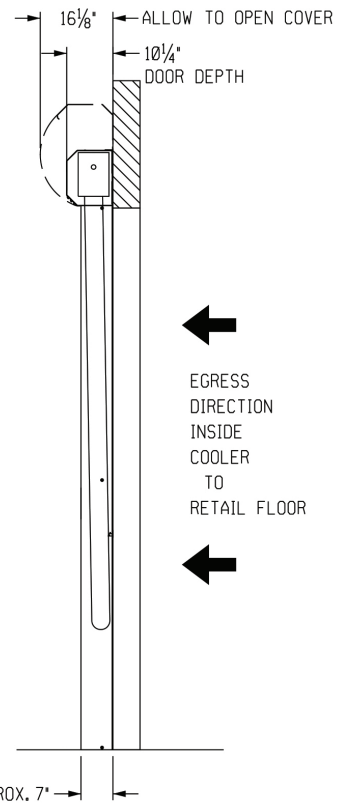
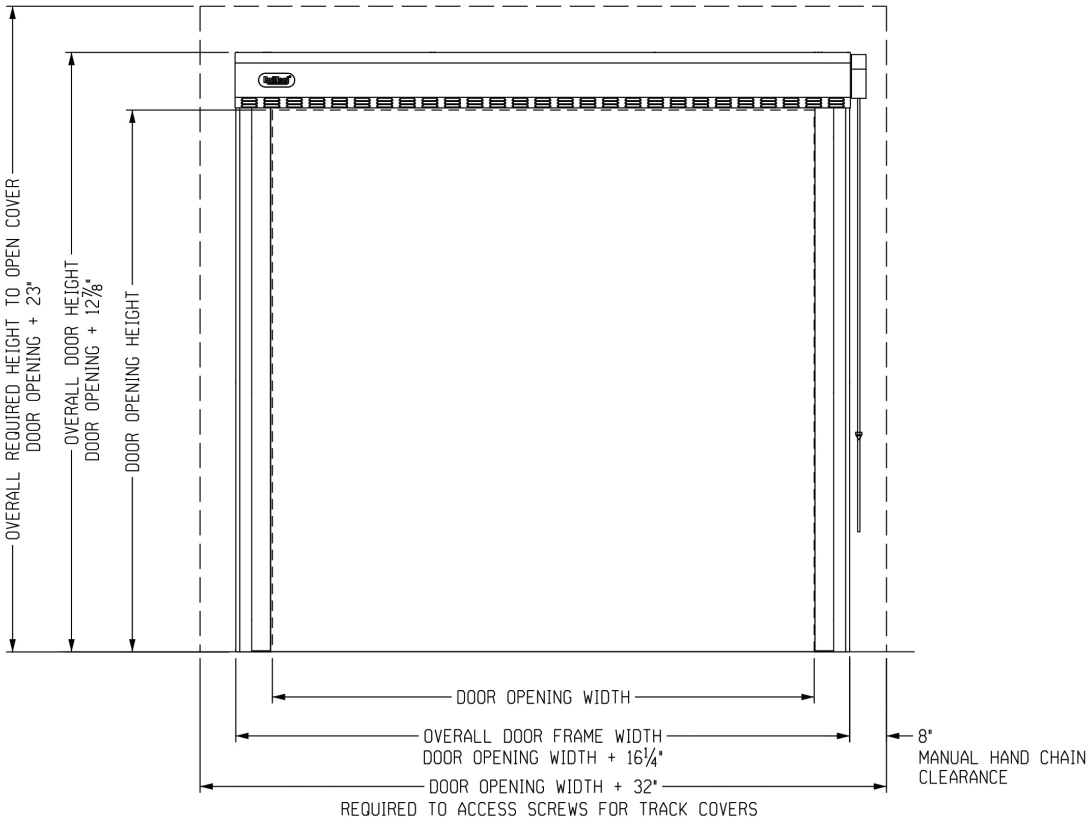
Design Temperatures Exterior: 75°F (23.9°C) Interior: > 32°F (0°C)	The Night Door design temperatures anticipate regular walk-in cooler box conditions opening into a conditioned space (typically a store environment). The door can operate under other conditions, but consult RollSeal to determine the proper application.
Differential Pressure Range: ± 0.05 inH ₂ O	The pressure differential between the inside and outside of the box is recommended to be in the range of ± 0.05 inH ₂ O. This is typical of standard walk-in coolers. In coolers larger than 3,000 square feet, refrigeration systems may add pressure and thus require pressure relief valves. Consult your RollSeal representative if needed.

Installation Specifications

Door Size	Personnel	Equipment	Tools	PPE	Time
Up to 6' W x 8' H	2	- Ladder	- Standard Hand Tools (Drill, Wrenches, Level, etc.)	- Glasses - Gloves - Boots - Hard Hat	~ 1 Hour
Up to 10' W x 10' H	3				

Specifications

Type	RS-200	Ratio	4.5:1
Application	Cooler	Brake	Mechanical
Temperature Range	32°F to 75°F (0°C to 23.9°C)	Frame Material	G90 Galvanized/Aluminum
Differential Pressure	± 0.05 inH ₂ O	Tension Pipe	G90 Galvanized
Seal Type	Industrial-Strength Magnet	Panel Material	Anti-Static
Drive Type	Manual Chain Hoist	Egress	Break-Away Tracks
Drive Mounting Side	Right of Head Unit	Optional Accessory	Floor-Mounted Chain Tensioner



DOOR MAY BE EGRESSSED FROM FRONT
 ** BY OPENING EGRESS TRACKS **
 AND PULLING PANEL FROM OPENING