

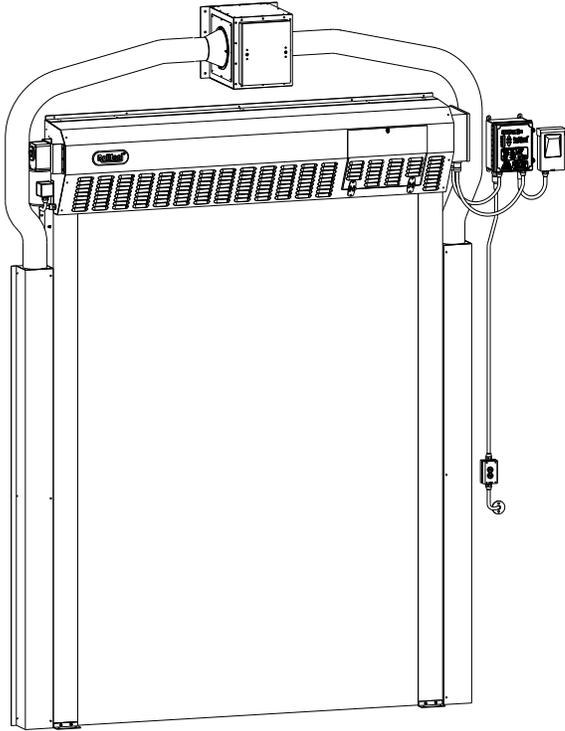


RS-600 Cold Storage Roll-Up Door

Medium-Temperature Door with Condensation Management System for Applications with High Temperature Deltas

When your application shifts from an opening with primarily motorized traffic to one with primarily foot traffic, several aspects of the refrigerated door you need will change. One requirement that will *not* change is that the door properly seal and separate your environments. When you examine the design of the RollSeal door, you will see that it has been engineered with just as much emphasis on seal integrity as on speed. It provides the best of both worlds: an airtight sealing system that provides 100% separation between varying environments in the same package as 48"-per-second opening.

Simply put, the RollSeal door is designed to keep what is in, *in* and what is out, *out*. When you add the unmatched sealing capability of the RollSeal door to a one-hour installation, an impact-resistant bottom threshold, compatibility with a plethora of activation options (*e.g.* push-buttons, remote controls, motion sensors, and floor loops), and an automatic closure feature, RollSeal is sure to have a cold storage door option to meet your specific needs. This model comes complete with our patented Condensation Management System to function in applications with high temperature deltas, ensuring you never have moisture-related issues.



Design Considerations

For interior installation.	The door is designed to be mounted to the interior of the building.
To be face-mounted to the exterior wall of the cooler.	The door is designed to be face-mounted to the exterior wall of the cooler. This allows proper egress functionality from inside the freezer and emergency manual operation of the door from outside. No additional framing or backing is required.
Open and Close Signal	The door comes standard with open and close signal relays that can be tied to control or alarm systems if required.
Compliance	- UL325 Certified - NSF Certified
Automatic Closure	The door is designed to close automatically. The time is programmable between 5 and 240 seconds. The factory setting is 20 seconds. The store designer(s) should be consulted to determine the preferred setting.
Strip Curtains	The door is recommended to be installed in conjunction with a strip curtain. Strip curtains provide an extra protective barrier that helps maintain conditions to better alleviate moisture through condensation. This is particularly helpful in smaller spaces and/or when refrigeration units direct airflow toward the door.
Egress Strap System	The Egress Strap System comes opens the door 50% of the panel height to allow emergency exit. The strap is located in the center of the inside of the door and is accessible via a D-ring pull handle. The supplied egress hook must be mounted inside the refrigerated space. A tethered, retractable cable is also supplied to ensure the handle is not lost.
Condensation Management System	The patented Condensation Management System (CMS) is standard on all RollSeal cold storage doors. It consists of a heater-and-blower element that recirculates heated air through the dead air space created by the triple-layer design. The CMS unit can be mounted above the door; to the left or right of the door; to the ceiling in front of the door; or on top of the refrigerator.

Operational Parameters

Design Temperatures: Internal: Above 32°F (0°C) External: Up to 95°F (35°C)	The design temperatures exceed those of an RS-600 cooler door. External factors such as unconditioned spaces and proximity to entry and exit doors can result in larger-than-normal fluctuations in relative humidity. Exceeding these parameters may result in condensation.
Relative Humidity: 50-70%	
Differential Pressure: ± 0.05 inH ₂ O	The minimum differential pressure is expected to be ± 0.05 inH ₂ O; this is typical of standard coolers. In coolers larger than 3,000 ft ² , refrigeration systems may add pressure, thus necessitating pressure relief valves. Contact RollSeal if necessary.

Installation Specifications

Door Size	Personnel	Equipment	Tools	PPE	Time
Up to 12' (W) x 12' (H)	2	Ladder	- Standard Hand Tools (Drill, Wrenches, Level, etc.) - 1" or 1-3/4" Hole Saw (for Switches)	- Glasses - Gloves - Boots - Hard Hat	~ 2 Hours

Specifications

Type	D6 (RS-600)	Manual Override	Crank Handle
Application	Cold Storage	Horsepower	1/2 HP
Operational Temperature Range	32°F to 95°F (0°C to 35°C)	Brake	Mechanical
Relative Humidity	50-70%	Frame Material	Aluminum
Differential Pressure	± 0.05 inH ₂ O	Tension Pipe Material	Impact-Resistant Foam
Seal Type	Industrial-Strength Magnet	Panel Material	Anti-Static
Drive Type	Right-Angle Gear Head	Standard Switch (Not Included)	2-Position (Open/Close)*
Drive Mounting Side	Left of Head Unit	Egress	Pull Strap
Speed	Up to 48" per Second	Safety Beams	Standard (Monitored)
Input Voltage	230V	CMS Input Voltage	208V or 230V
Input Current	8A	CMS Input Current	10A
Motor Frequency	50 Hz or 60 Hz	CMS Frequency	50Hz or 60Hz
Motor Phase	1 PH	CMS Phase	1 PH

**Contact RollSeal for additional activation options.*

