

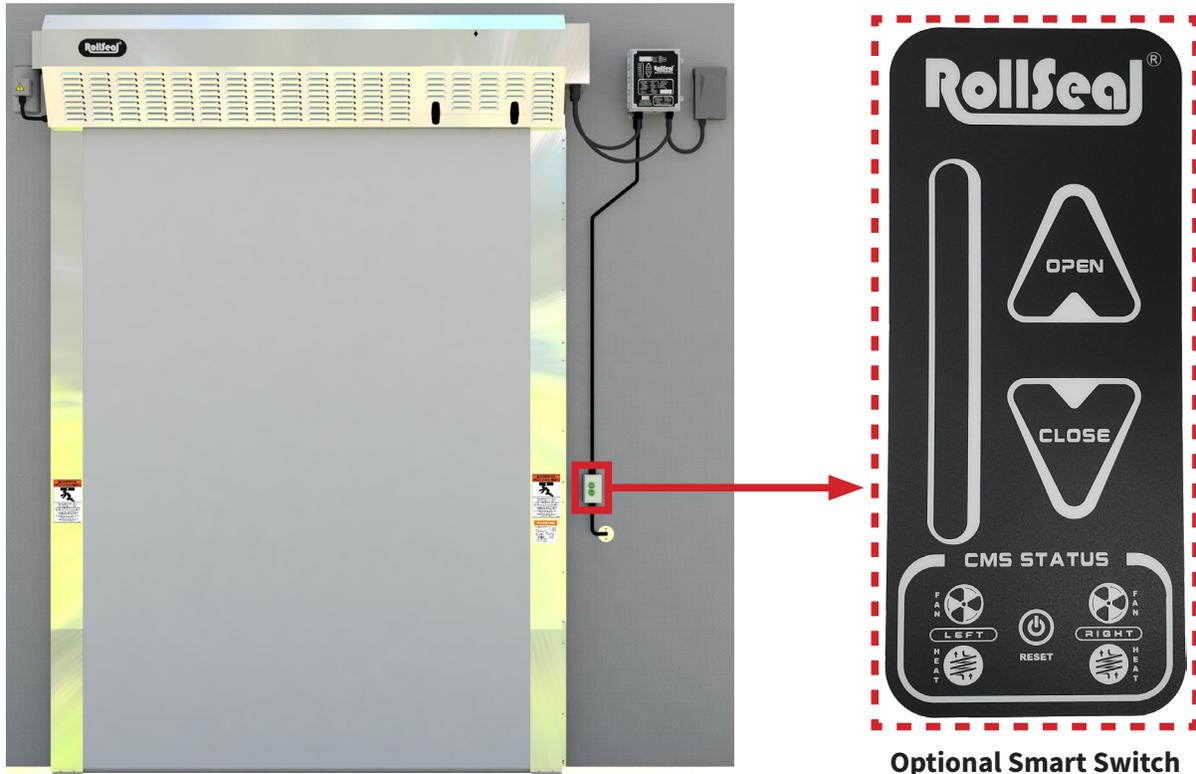
Section 1: RS-500 and RS-600 Doors

1. **UL Standard:** Standard UL 325 for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems, 6th Ed.
2. **Movement Indicator Light:** This light flashes any time the door opens or closes to indicate the door is in motion.
3. **Infrared Safety Beam:** An infrared sensor is located at the bottom of each track. If the beam is interrupted, the door will stop and (if configured to do so) reverse to the fully open position.
4. **Leading Edge Switch:** The leading edge switch acts as a backup to the infrared safety beam. When anything comes into contact with the leading edge of the panel, the door will react in the same manner as it would if the safety beam were interrupted.
5. **Passive Infrared Motion Sensor (Optional):** This sensor (mounted on the underside of the head unit) stops the door when it detects heat and motion at the same time. Depending on the configuration, it will also reverse the door to the fully open position. The sensor can be set to function at various angles, increasing or decreasing the distance at which it can be triggered.



Section 2: RS-500M and RS-600M Doors

- 1. UL Standard:** Door, Drapery, Gate, Louver, and Window Operators and Systems (ANSI/CAN/UL 325:2017 Ed. 7).
- 2. Movement Indicator Lights (on Optional Smart Switch):** When all eight indicator LEDs on the Smart Switch (on either side of the door) fade together, the door is in a timed open cycle. The LEDs will blink progressively faster as the door approaches the close cycle. The audible alarm (if equipped) will sound in sync with the LEDs.
- 3. Audible Door Movement Alarm:** This buzzer sounds when the door is about to open or close, as well as while the door is moving. The alarm will also sound if the door has been left open for a period of time determined by the software settings.
- 4. Monitored Infrared Safety Beam:** The Smart Controller uses an infrared beam to prevent the door from closing when the doorway is obstructed. If the beam is interrupted, the door will stop and the "Door Obstruction" indicator LED on the Smart Controller will be illuminated. If configured to do so, the door will also reverse to the fully open position. The integrity of the safety beam circuits is tested after each door cycle to ensure they are working properly. If they are not working properly, the door will be unable to close without being overridden manually.
- 5. Leading Edge Switch:** The leading edge switch acts as a backup to the infrared safety beam. When anything comes into contact with the leading edge of the panel, the door will react in the same manner as it would if the safety beam were interrupted.
- 6. Passive Infrared Motion Sensor (Optional):** This sensor (mounted on the underside of the head unit) stops the door when it detects heat and motion at the same time. Depending on the configuration, it will also reverse the door to the fully open position. The sensor can be set to function at various angles, increasing or decreasing the distance at which it can be triggered.



Section 3: Walk-In Cooler Doors

- 1. UL Standard:** Door, Drapery, Gate, Louver, and Window Operators and Systems (ANSI/CAN/UL 325:2017 Ed. 7).
- 2. Movement Indicator Lights on Smart Switches (Outside and Inside Cooler):** When all eight indicator LEDs fade together, the door is in a timed open cycle. The LEDs will blink progressively faster as the door approaches the close cycle. The audible alarm (if equipped) will sound in sync with the LEDs.
- 3. Audible Door Movement Alarm:** This buzzer sounds when the door is about to open or close, as well as while the door is moving. The alarm will also sound if the door has been left open for a period of time determined by the software settings.
- 4. Passive Infrared Motion Sensor:** This sensor (mounted on the underside of the head unit) stops the door when it detects heat and motion at the same time. Depending on the configuration, it will also reverse the door to the fully open position. The sensor can be set to function at various angles, increasing or decreasing the distance at which it can be triggered.
- 5. Monitored Infrared Safety Beam:** The Smart Controller uses an infrared beam to prevent the door from closing when the doorway is obstructed. If the beam is interrupted, the door will stop and the "Door Obstruction" indicator LED on the Smart Controller will be illuminated. If configured to do so, the door will also reverse to the fully open position. The integrity of the safety beam circuits is tested after each door cycle to ensure they are working properly. If they are not working properly, the door will be unable to close without being overridden manually.
- 6. Leading Edge Bar/Switch:** The leading edge switch acts as a backup to the infrared safety beam. When anything comes into contact with the leading edge of the panel, the Smart Controller will detect that tension has been removed from the bar. The door will then reverse to the fully open position.
- 7. Egress Track System:** The Egress Track System allows personnel to exit the cooler by pushing against the door frame, breaking the seal and providing clearance.

