

Elevate Aisle Containment

Automatic Single Row Sliding Doors for 1200 Aisle



Product Overview

The Elevate Aisle Containment Automatic Single Sliding Glass Door is expertly engineered to seal the two ends of a cold aisle containment system, isolating hot and cold air to enhance cooling efficiency in data centers and similar environments. This cutting-edge solution integrates powered glass doors, a durable door frame, lintel, and an advanced access control system, all managed by the main control unit for smooth, uninterrupted operation.

A key feature is the optional monitoring screen, which provides real-time insights into essential cold aisle conditions, including lighting, temperature, and humidity. Additionally, the system includes smoke detection capabilities, triggering the automatic opening of doors upon smoke detection to ensure safety.

Designed for optimal cold aisle sealing, this system delivers superior performance while maintaining precise control over the environment. It's the perfect solution for those seeking to enhance the efficiency, security, and safety of their cold aisle containment system.

- ✓ Available in black or white with left or right opening
- ✓ Door exit and access control button for safety and security
- ✓ Support for installing access control devices for enhanced security.
- ✓ Pocket door design with powered doors
- ✓ Infrared sensors and safety double beams for reliable, safe operation.
- ✓ Optional monitoring displays and intelligent lintel solutions

Product Specifications

| Feature | Values |
|------------------------------------|--|
| Type | Double Row |
| Cold Aisle Width | 1200mm |
| Compatible Depth of Cabinet | 1000mm/1200mm |
| Compatible Height of Cabinet | 42U, 47U, 52U |
| Tempered Glass Thickness | 12mm |
| Glass Transmittance Ratio | ≥90% |
| Material | SPCC |
| Sliding Door Track | Aluminum profile |
| Anti-pinch | The door frames on both sides include safety double beams. |
| Exit Button | 16mm push-button |
| Emergency Stop Button | 23mm self-locking button with protective cover |
| Access Control | Fingerprint, password, card |
| Skylight Control Button (Optional) | Skylight automatic reset function |
| Monitoring Display (Optional) | Optional 10.1" integrated monitoring unit display |
| Central Lintel (Optional) | LCD display screen |
| Type of Surface | Powder coated |
| Colour | White/Black |
| RAL-number | 9003 (White), 9004 (Black) |

Product Features Explained



Doors are contained with a fixed Structure connected to the Cold Aisle Racks providing a solid structure and allowing for pocket door design with electronic opening. The design ensures a high level of sealing between the doors and cabinets, securing the airflow management for the cold aisle design.



This system offers multiple authentication options, including IC card, password, fingerprint, and facial recognition, giving you flexible and reliable methods to manage access. The system provides a standalone security system, or can be linked to existing access control.

Additionally, the system is equipped with a safety exit button, ensuring a safe and controlled environment for all users.



For added safety, two infrared sensor beams are installed, preventing door closure while motion is detected near the doors. This ensures a secure environment and minimizes the risk of accidents.



The optional monitoring screen that provides real-time insights into critical cold aisle conditions, including lighting, temperature, and humidity. This ensures optimal environmental control for sensitive areas.

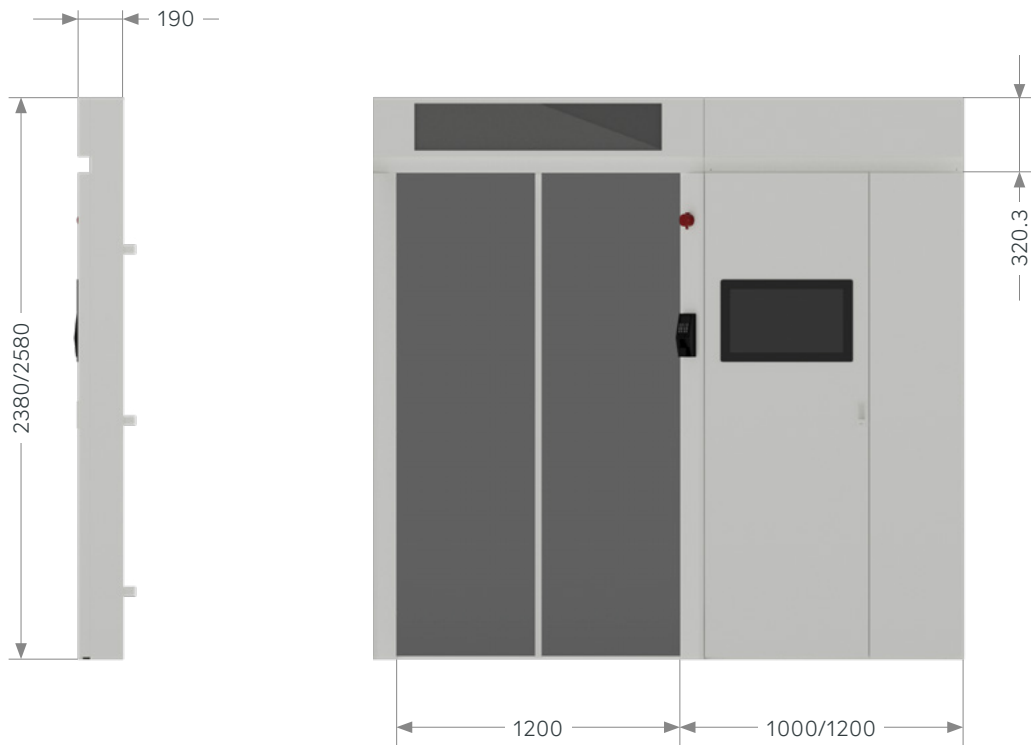
Product Drawing

Standard Single Row Sliding Door System - (Right Hand Opening)



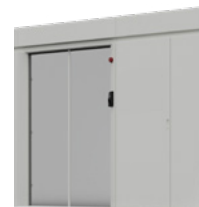
Product Drawing

Single Row Sliding Door with Monitoring System LCD



Product Standards

| Applicable standard | Description |
|------------------------------------|--|
| Directive 2008/98/EC (WFD) | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988). |
| ECHA SCIP Database | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH. |
| Regulation (EU) 2019/1021 (POPs) | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355). |
| Directive 2011/65/EU (RoHS II) | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states. |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant. |
| UK SI 2012 No. 3032 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |



Also available in black.

Part Number Table - Standard Single Row Sliding Door System

| Part Number | Description |
|-------------------------|--|
| 573-4210-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1000 Deep Black |
| 573-4710-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1000 Deep Black |
| 573-5210-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1000 Deep Black |
| 573-4210-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1000 Deep White |
| 573-4710-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1000 Deep White |
| 573-5210-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1000 Deep White |
| 573-4212-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1200 Deep Black |
| 573-4712-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1200 Deep Black |
| 573-5212-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1200 Deep Black |
| 573-4212-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1200 Deep White |
| 573-4712-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1200 Deep White |
| 573-5212-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1200 Deep White |
| 573-4210-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1000 Deep Black |
| 573-4710-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1000 Deep Black |
| 573-5210-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1000 Deep Black |
| 573-4210-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1000 Deep White |
| 573-4710-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1000 Deep White |
| 573-5210-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1000 Deep White |
| 573-4212-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1200 Deep Black |
| 573-4712-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1200 Deep Black |
| 573-5212-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1200 Deep Black |
| 573-4212-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1200 Deep White |
| 573-4712-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1200 Deep White |
| 573-5212-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1200 Deep White |

Please add Elevate containment control box to your design to ensure operation of the sliding door chosen.



Also available in black.

Part Number Table - Single Row Sliding Door with Monitoring System LCD

| Part Number | Description |
|-------------------------|---|
| 573-4210-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1000 Deep with 10" Display Black |
| 573-4710-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1000 Deep with 10" Display Black |
| 573-5210-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1000 Deep with 10" Display Black |
| 573-4210-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1000 Deep with 10" Display White |
| 573-4710-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1000 Deep with 10" Display White |
| 573-5210-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1000 Deep with 10" Display White |
| 573-4212-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1200 Deep with 10" Display Black |
| 573-4712-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1200 Deep with 10" Display Black |
| 573-5212-12SLH-STSLH-BK | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1200 Deep with 10" Display Black |
| 573-4212-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 42u Racks 1200 Deep with 10" Display White |
| 573-4712-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 47u Racks 1200 Deep with 10" Display White |
| 573-5212-12SLH-STSLH-WH | Elevate Aisle Containment Automatic (Single Row Left Hand) Sliding Door 52u Racks 1200 Deep with 10" Display White |
| 573-4210-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1000 Deep with 10" Display Black |
| 573-4710-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1000 Deep with 10" Display Black |
| 573-5210-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1000 Deep with 10" Display Black |
| 573-4210-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1000 Deep with 10" Display White |
| 573-4710-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1000 Deep with 10" Display White |
| 573-5210-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1000 Deep with 10" Display White |
| 573-4212-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1200 Deep with 10" Display Black |
| 573-4712-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1200 Deep with 10" Display Black |
| 573-5212-12SRH-STSRH-BK | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1200 Deep with 10" Display Black |
| 573-4212-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 42u Racks 1200 Deep with 10" Display White |
| 573-4712-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 47u Racks 1200 Deep with 10" Display White |
| 573-5212-12SRH-STSRH-WH | Elevate Aisle Containment Automatic (Single Row Right Hand) Sliding Door 52u Racks 1200 Deep with 10" Display White |

Please add Elevate containment control box to your design to ensure operation of the sliding door chosen.