COOL SHIELD® Aisle Containment Doors

Hinged & Sliding



Cool Shield® Double-Hinged Aisle Containment Doors

Cool Shield® sliding and hinged aisle containment doors provide an attractive and durable solution for enclosing hot or cold aisles. Door posts and headers are constructed from robust 2" × 2" tubular aluminum, delivering exceptional strength and long-term durability.

KEY SELECTION ATTRIBUTES

- Single- and double-hinged door options available
- Single and double sliding door options available
- Heavy-duty door frame for sturdy feel
- Threaded channels on post and header allows for numerous securing options
- Standard door heights of 84" and 90"
- Custom sizes available
- UL® 94, ASTM E84 Class 1, and FM Global fire ratings available for clear insert
- Door designed to comply with ADA requirements

COLORS

Due to printing limitations, shade may vary from actual product.

Black White Silver

TechLine 877 276-7876
armstrong.com/coolshield

Armstrong® World Industries

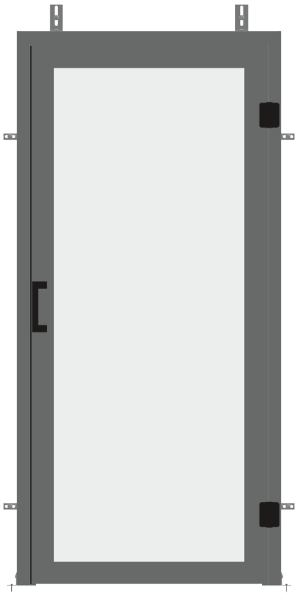
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SINGLE-HINGED & DOUBLE-HINGED DOORS

SINGLE-HINGED DOORS

The Cool Shield® Single-Hinged Door solution is ideal for smaller aisles with adjacent obstructions, such as cable trays or power cabinets.

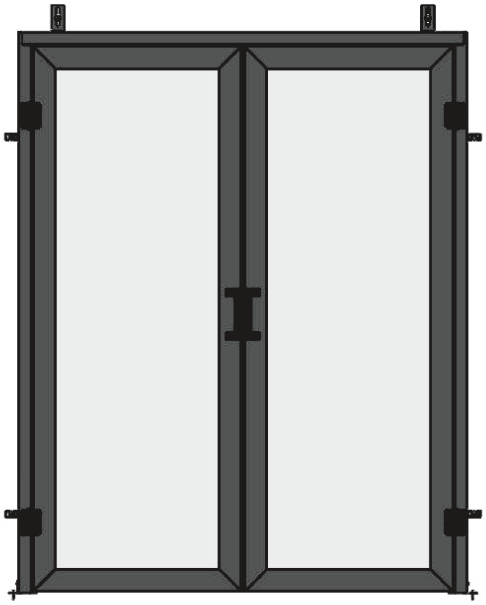


Features & Specifications

- Adjustable self-closing hinges ensure doors are not left in open position, minimizing loss of cooled air
- Metal or panel-based sidelight options to extend doors for larger aisles
- Magnetic catch holds door in the closed position
- Door Width Size Ranges: 40" - 50" Wide
- Door Height Size Ranges: 84" - 100" Tall

DOUBLE-HINGED DOORS

The Cool Shield® Double-Hinged Doors are a great option for 48" and wider doors where there are obstructions or access requirements next to the doors.



Features & Specifications

- Adjustable self-closing hinges ensure doors are not left in open position, minimizing loss of cooled air
- Metal or panel-based sidelight options to extend doors for larger aisles
- Magnetic catch holds door in the closed position
- Seal between doors to prevent gap and eliminating air loss
- Double Door Width Size Ranges: 50" - 78" Wide
- Double Door Height Size Ranges: 84" - 100" Tall

COOL SHIELD® Aisle Containment Doors

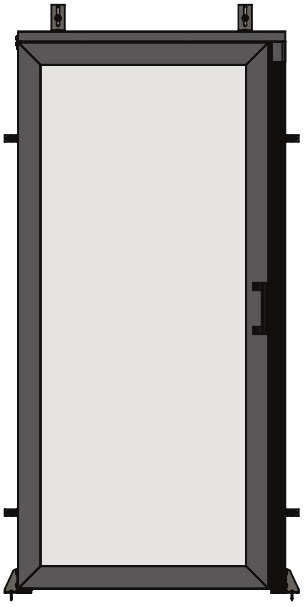
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AISLE CONTAINMENT SYSTEMS

SINGLE SLIDING & DOUBLE SLIDING DOORS

SINGLE SLIDING DOORS

The Cool Shield® Single Sliding Door is both highly functional and visually appealing for both hot and cold aisles. The doors feature a smooth operating slide rail with easy opening and closing.

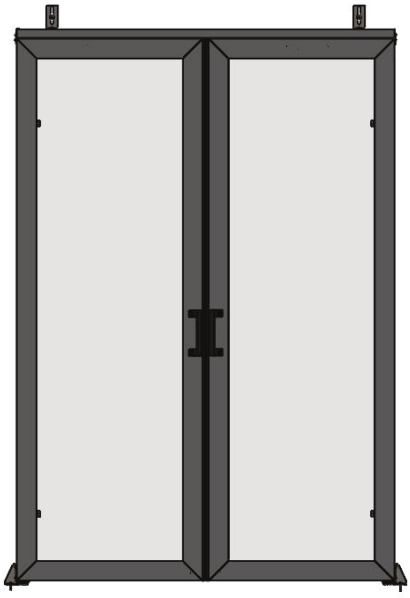


Features & Specifications

- Easy glide slide rails for smooth opening
- Holds in fully opened position for equipment loading
- Piston based self-closer prevents inadvertently leaving doors open
- Metal or panel based side light options to extend doors for larger aisles
- Door Width Size Ranges: 40" - 50" Wide
- Door Height Size Ranges: 84" - 100" Tall

DOUBLE SLIDING DOORS

The Cool Shield® Double Sliding Door system is highly functional and cost-efficient for both hot and cold aisles. The double sliding door system is designed for efficiency with a low-profile and smooth operation. Most importantly, it seals the end of aisle entryways to prevent supply and exhaust air from mixing



Features & Specifications

- Easy glide slide rails for smooth opening
- Holds in fully opened position for equipment loading
- Doors arrive fully assembled for quick, on-site installation
- Piston based self-closer prevents inadvertently leaving doors open
- Optional header to extend door system to larger cabinets
- Double Door Width Size Ranges: 50" - 78" Wide
- Double Door Height Size Ranges: 84" - 100" Tall

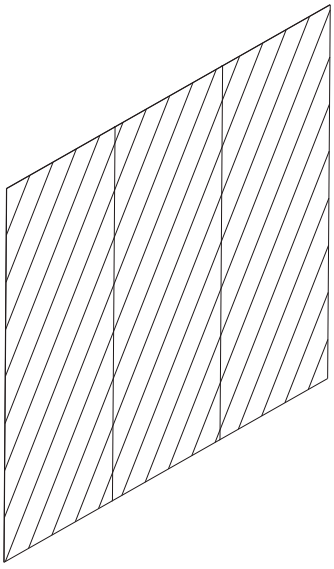
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ADDITIONAL DOOR OPTIONS

STRIP CURTAIN DOORS

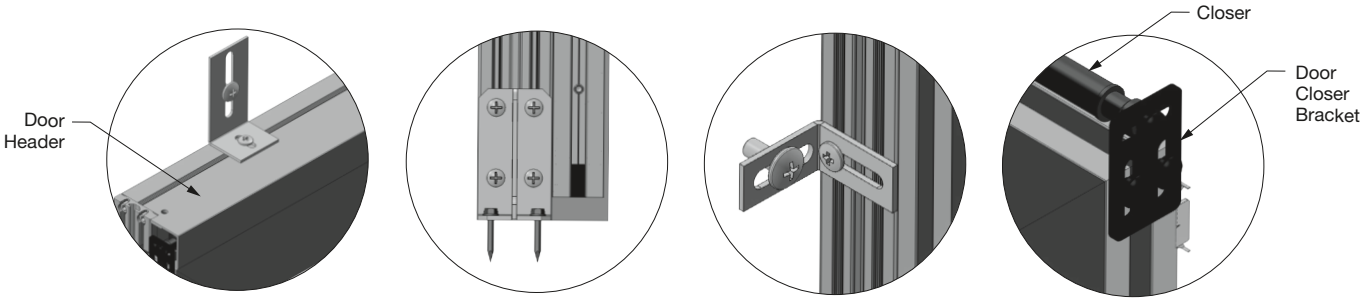
Cool Shield® Strip Doors are designed to minimize separation for an efficient and effective aisle door solution.
Cool Shield Strip Doors use wider strips than the competition to allow for a full 3" overlap.



Features & Specifications

- Stand alone door or integrate with upper aisle containment solution
- Extra wide strips provide increased overlap to prevent separation
- Optional strip weights prevent curling and flapping
- Unique channel bar allows navigating around cable trays, pipes, etc.
- ASTM E84 class A rated clear flexible strip material, meets NFPA 75 standards
- 12", 14", 26", and 48" strip standard widths
- Available in custom lengths
- Strip Curtains only available in clear color

DOOR ATTACHMENT METHODS



Door Mount | Floor Mount | Attach to Structure | Door Closers for Sliding Doors

PHYSICAL DATA

Material
6063-T6 Aluminum

Surface Finish
Powder-coated

Profile Dimensions
2" × 2"

Warranty
Details at armstrong.com/warranty
For inquiries, contact ISQuote@armstrong.com

AISLE CONTAINMENT SYSTEMS

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