



McKEON

DOOR COMPANY



Auto-Set®

Safescape®

ClimateGuard™

FireFighter™

SafeSpace™

Product Catalog



Proven Over Time

Founded in 1946, McKeon Door Company is a full line manufacturer of fire-rated and non fire-rated wide span opening protectives. Through the years, McKeon has remained an innovator, developing cutting-edge technology in response to the needs of its customers. Whether driven by new code requirements, a building owner's creativity, or an architect's imagination, McKeon continues to rise to the challenge. The building industry has come to rely on McKeon Door Company for fire and security products that provide quality performance, code compliance and design flexibility. The McKeon team is available to assist you from design through installation; from CAD to BIM we are there to help.



Proven Performance and Code Compliance

All McKeon rated assemblies carry Underwriter's Laboratory (UL), Intertek (ITS) or Factory Mutual (FM) listings for both fire and smoke, confirmed and published under ICC-ESR 2219. Each fire door product enters the market place labeled, and special application assemblies are pre-tested to the highest performance standards in the industry. Vertical, side and horizontal acting door assemblies are tested and listed under current code referenced standards ensuring total acceptance and quality performance.



Proven Distribution

McKeon has assembled a team of the finest manufacturers' representatives in the world with representation in all fifty states, Europe, Asia and the Middle East. Along with their own impressive list of business successes, each representative has been certified sales and installation trained at the McKeon corporate center. When a product leaves the factory and reaches its destination job site, there will be a local experienced McKeon representative to install and service your doors with expertise and care.



Proven Educational Opportunities

McKeon Door Company is a certified AIA and ICC Continuing Education Provider. From product awareness to building code we offer AIA CES learning units in Health Safety & Welfare in the architectural community and ICC CEUs for the code enforcement arena. Our literature is available in multiple formats including electronic, hardcopy, CAD and video. McKeon also offers "Fire Door Systems: A Guide to Code Compliance," an interpretive manual on the current building code as it applies to fire resistance, opening protectives and egress.



For more information or for an electronic version of this brochure please visit mckeondoor.com



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Vertical Coiling with Deployable Egress

SAFESCAPE® T2000 Series

A vertical coiling fire and smoke rated door system that incorporates either one or two deployable complying egress swing doors. Flush mounted in an adjacent wall, these complying egress swing doors deploy and lock into position at the command of an alarm condition. Once in place the integral egress doors and frames serve as side guides to accommodate a 3-hour roll-down door assembly that descends at a governed rate. Within seconds a 3-hour opening protective with single or dual egress swing doors stands ready to fight fire and smoke.

Safescape® Model T2000 | Vertical Coiling Fire Door with One Deployable Egress Door



T2000 Series fire door assemblies incorporate either one or two deployable egress doors which are flush mounted in an adjacent wall. Upon activation by a building alarm or in an emergency condition, these complying egress doors swing into position. The doors then serve as side guides for the vertical coiling door assembly as it descends to provide complete protection from fire and smoke, and provide conventional egress as required.

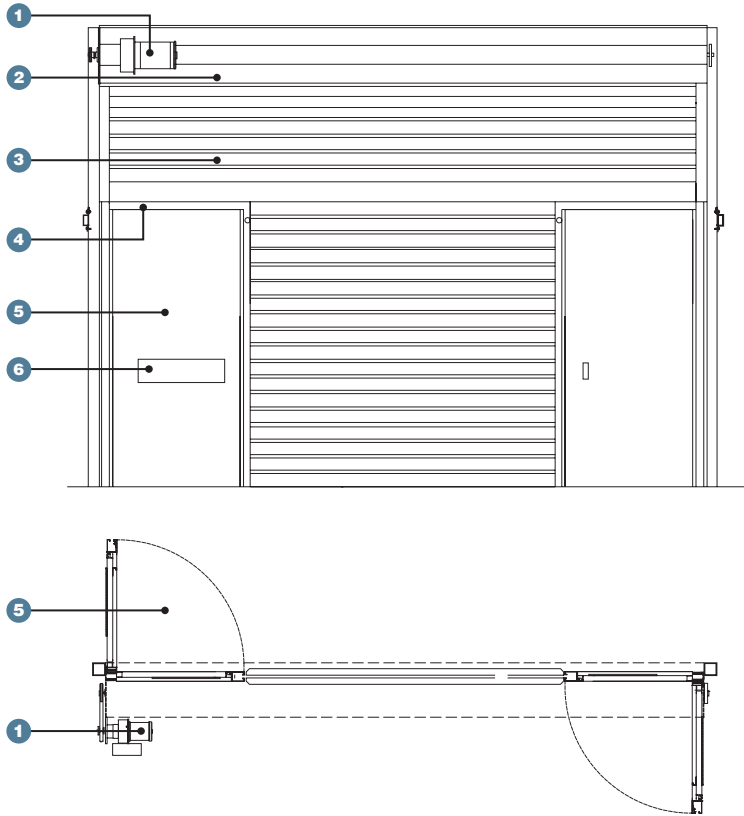
Safescape® Model T2500 | Vertical Coiling Fire Door with Two Deployable Egress Doors



VERTICAL ACTING FIRE DOOR SYSTEMS

T2500 with Two Deployable Egress Doors: Main Components

- 1 Fire Door Motor Operator
- 2 Hood
- 3 Curtain Slats
- 4 Door Closer
- 5 Swinging Egress Doors
- 6 Fire Exit Hardware



Note: Egress doors may swing in opposite directions.

Product Features

Ratings

3-hour rated UL 10B*
90-minute rated assembly available with a 650° F over 30 minute Temperature Rise rating when required

Smoke & Draft labeled UL 1784

Code Compliance

ESR 2219

ADA compliant

Egress

Available with up to 2 complying egress swing doors

Operation

Auto-Set® automatic resetting

Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

Unlimited heights and widths to 60'; for larger sizes and custom configurations consult the factory

Finishes

McKeon sterling gray

Powder coat

Stainless steel

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS
	Open	Self-Close	
T2000	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door ¹
T2500	Auto-Set® Power Operator	Fail-Safe Mechanical	2 Complying Swing Doors ¹

¹ Maximum swing door width is 48".

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,577,541 - 5,673,514 - 5,893,234 - 7,490,645

Vertical Coiling with Fixed Egress

SAFESCAPE® T5000 Series

This fire and smoke rated door assembly is designed to coil at the top allowing the rigid bottom frame with fixed egress doors to lower when deployed. Once in place, the single or multiple swinging egress doors provide complying egress. Large occupant loads and wide-span openings are easily accommodated by the McKeon T5000.

Safescape® Model T5006 | Vertical Acting Fire Door with Multiple Fixed Egress Doors



Safescape® Model T5007 | Vertical Acting with Multiple Fixed Egress Doors



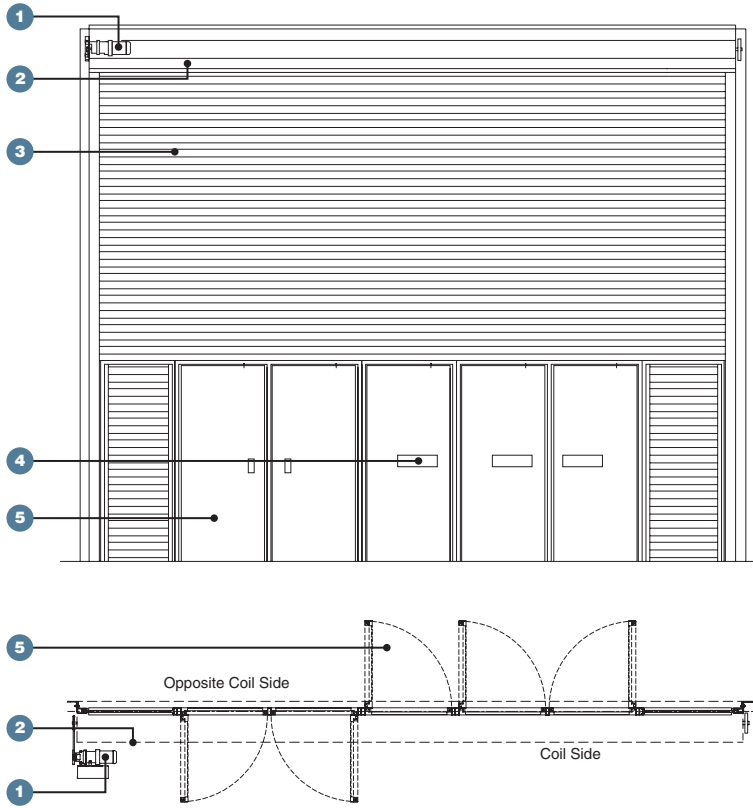
T5000 Series fire door systems are a design advantage when there is no side room available for pocket storage. Concealed above the ceiling line, no additional building space is required. The T5000 assembly is available with as many as 18 conventional fixed egress doors to accommodate large occupant load exit width requirements and facilitate circulation during an emergency – a feature that is especially desirable in a retail environment.



VERTICAL ACTING FIRE DOOR SYSTEMS

T5000 with Multiple Fixed Egress Doors: Main Components

- 1 Fire Door Motor Operator
- 2 Hood
- 3 Curtain Slats
- 4 Fire Exit Hardware
- 5 Swinging Egress Doors



Note: Egress doors may swing in opposite directions.

Product Features

Ratings

3-hour rated UL 10B*
 90-minute rated assembly available with a 650° F over 30 minute Temperature Rise rating when required

Smoke & Draft labeled UL 1784

Code Compliance

ESR 2219
 ADA compliant

Egress

Available with up to 18 complying egress swing doors

Operation

Auto-Set® automatic resetting
 Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

Unlimited heights and widths to 80'; for larger sizes and custom configurations consult the factory

Finishes

McKeon sterling gray
 Powder coat
 Stainless steel

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS
	Open	Self-Close	
T5000 ¹	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door ²
T5002 - T5018 ¹	Auto-Set® Power Operator	Fail-Safe Mechanical	2 to 18 Complying Swing Doors ²

¹ The last two digits of the model number indicate the number of swing doors.

² Maximum swing door width is 48".

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,893,234 - 5,673,514 - 8,453,707

Vertical Coiling without Egress

AUTO-SET® Model FSFD

This automatic resetting vertical coiling fire and smoke rated door system self-closes without reliance on electricity or battery back-up. The non-egress Model FSFD is recommended for applications where fire and smoke protection is required but egress is not an issue.

Auto-Set® Model FSFD | Vertical Coiling Fire and Smoke Rated Door without Egress



Model FSFD is the original automatic resetting fire door. These fire doors can be custom designed to almost any width or height, spanning seemingly difficult openings with ease and preserving open plans.



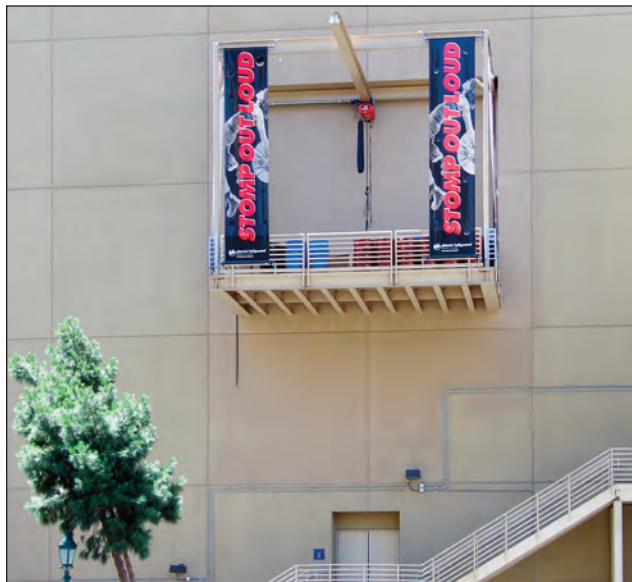
Vertical Coiling without Egress

AUTO-SET® Insulated Model FSFD-IS & Acoustical Model FSFD-STC

The FSFD-IS is designed for interior or exterior applications where fire protection is necessary and climate and temperature control are also critical. Available with an R value up to 9.3, the highest in the industry.

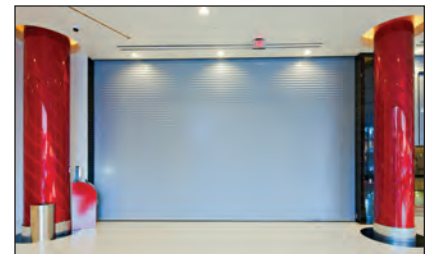
The FSFD-STC acoustical fire door is designed to protect openings that require both fire protection and sound control. Available with up to a 34 STC, the highest in the industry.

Auto-Set® Model FSFD-IS | Vertical Coiling Insulated Fire Door without Egress



Model FSFD-IS insulated fire doors are ideally suited for openings in fire walls that are exposed to the elements or in openings in areas that require climate control as well as fire protection.

Auto-Set® Model FSFD-STC | Vertical Coiling Acoustical Fire Door without Egress



Use the Model FSFD-STC in lieu of providing both a fire door and an acoustical type door in the same opening and avoid duplication in construction.

Vertical Coiling without Egress

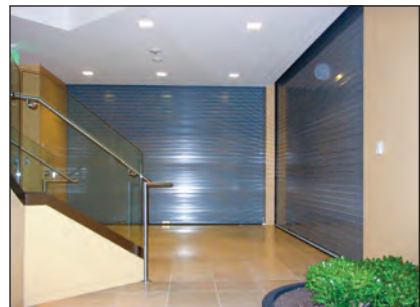
AUTO-SET® Model FSFD-TR

The Auto-Set® Model FSFD-TR is designed for use in areas where a Temperature Rise rating in addition to standard fire ratings is required. Available with up to a 450° F over 30 minute Temperature Rise rating when required, it meets building code requirements for fire doors used in exit enclosures and exit passageways of non-sprinklered buildings.

Auto-Set® Model FSFD-TR | Vertical Coiling Temperature Rise Rated Fire Door without Egress



Model FSFD-TR is designed for openings where a temperature rise rated opening protective is required.

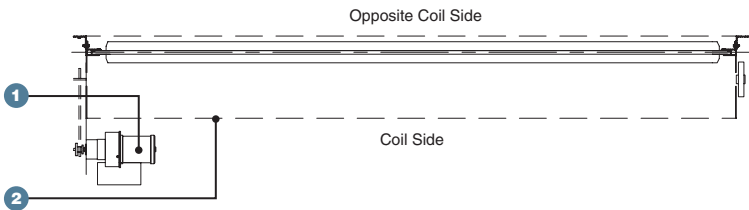
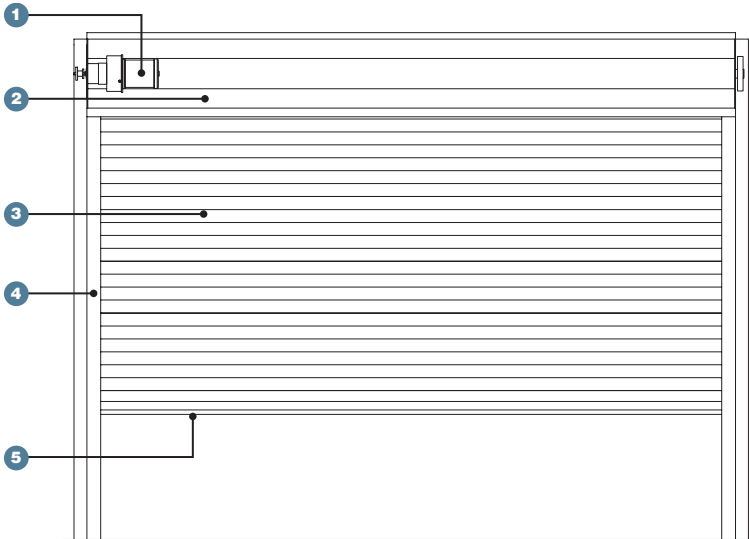


Openings in rated walls requiring temperature rise ratings are no longer limited to standard swing door dimensions when protected by the Model FSFD-TR, meaning greater design flexibility.

VERTICAL ACTING FIRE DOOR SYSTEMS

Models FSFD, FSFD-IS, FSFD-STC & FSFD-TR: Main Components

- 1 Fire Door Motor Operator
- 2 Hood
- 3 Curtain Slats
- 4 Guides
- 5 Bottom Bar



Product Features

Ratings

Up to 4-hour rated UL 10B*
Available with a 450° F over 30 minute Temperature Rise rating when required

Smoke & Draft labeled UL 1784
Available with an STC up to 34
Thermal protection with an R value up to 9.3

Code Compliance

ESR 2219

Egress

Not applicable

Operation

Auto-Set® automatic resetting

Fail-Safe Design - automatic self-closing mechanism does not require power operation

Based upon door size, available with hand-chain or hand-crank operation

Size

Unlimited heights and widths to 80"; for larger sizes and custom configurations consult the factory

Finishes

McKeon sterling gray

Powder coat

Stainless steel

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS	FUNCTION
	Open	Self-Close		
FSFD	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Fire Door
FSFD-IS	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Insulated Fire Door
FSFD-STC	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Sound Rated Fire Door
FSFD-TR	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Temperature Rise Fire Door

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,605,185 - 5,673,514 - 5,893,234 - 8,453,707

Vertical Coiling Counter Shutters

AUTO-SET® CFS Series

The automatic resetting Auto-Set® Counter Fire and Smoke Rated Model CFS shutter can be designed to accommodate almost any opening variation up to 28 feet in width and 12 feet in height for both interior and exterior applications. Unlike conventional counter shutters the Auto-Set® Model CFS is easily tested and reset by on site building personnel.

Auto-Set® Model CFS | Vertical Coiling Fire Rated Counter Shutters



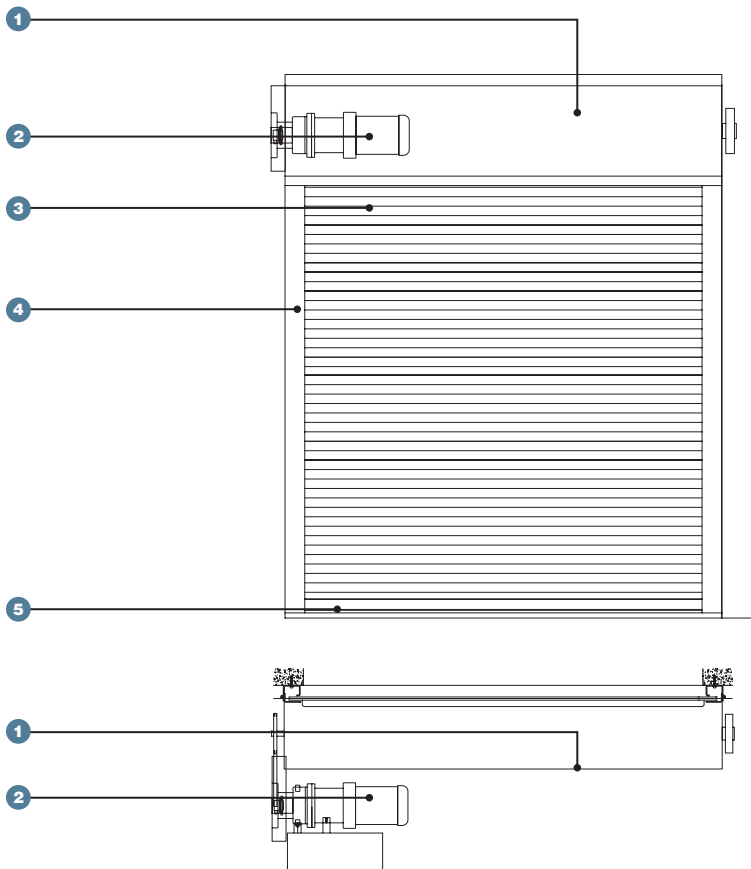
Auto-Set® Model CFS fire shutters can be designed to accommodate almost any opening variation. They are available in a variety of colors and finishes including McKeon sterling gray, powder coat or stainless steel and can be manually, hand crank or motor operated.



VERTICAL ACTING FIRE DOOR SYSTEMS

Model CFS: Main Components

- 1 Hood
- 2 Fire Door Motor Operator
- 3 Curtain Slats
- 4 Guides
- 5 Bottom Bar



Product Features

Ratings

Up to 3-hour rated UL 10B*
Smoke & Draft labeled UL 1784

Code Compliance

Not applicable

Egress

Not applicable

Operation

Auto-Set® automatic resetting
Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

Widths to 28' and heights to 12'; for larger sizes and custom configurations consult the factory

Finishes

McKeon sterling gray
Powder coat
Stainless steel

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS	FUNCTION
	Open	Self-Close		
CFS-M	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Motor Operated Fire Shutter
CFS-HK	Hand-crank	Fail-Safe Mechanical	N/A	Hand-Crank Operated Fire Shutter
CFS-PP	Manual Push-up	Mechanical	N/A	Manually Operated Fire Shutter

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,605,185 - 5,673,514 - 5,893,234

Side Sliding with & without Egress

SAFESCAPE® S7000 Series

The Safescape® S7000 Series fire door systems are available in both manual or motor operated designs and with or without swing type egress doors. S7000 Series doors are side acting therefore ideal for openings in fire walls where headroom is limited. The side activated design enables these fire doors to navigate around tight curves and contoured openings.

Safescape® Model S7600 | Side Sliding Fire Door without Egress



S7600 fire doors require minimal headroom. When in the stored fire-ready position the entire assembly retracts into a side pocket in the rated corridor that is approximately 7" wide and equal to the length of the door assembly.

Safescape® Model S7904 | Side Sliding Fire Door with Multiple Fixed Egress Doors

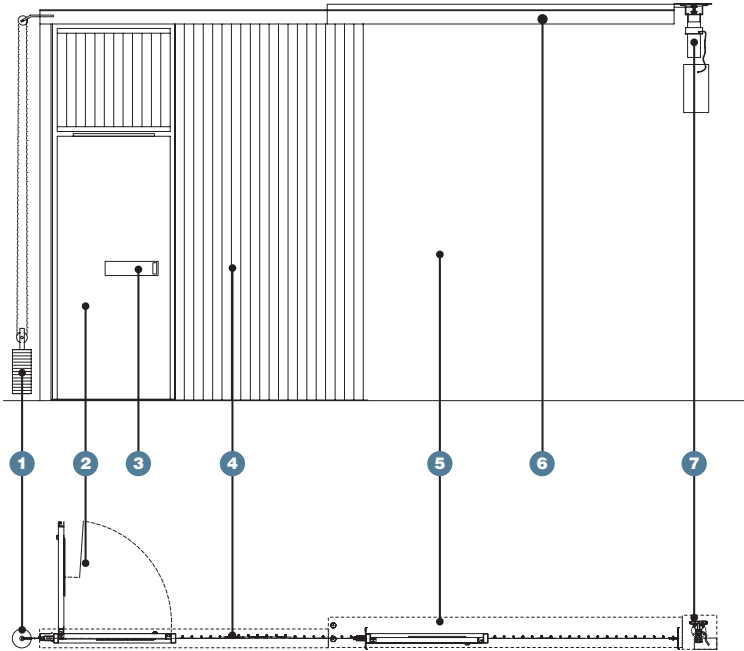


With its state-of-the-art side acting technology the S7904 easily incorporates four fixed egress doors eliminating the need for conventional swing doors.

SIDE ACTING FIRE DOOR SYSTEMS

S7000 with Fixed Egress: Main Components

- 1 Counterbalance
- 2 Swinging Egress Door
- 3 Fire Exit Hardware
- 4 Curtain Slats
- 5 Fire Rated Pocket
- 6 Head Track
- 7 Fire Door Motor Operator



Note: Egress doors may swing in opposite directions.

Product Features

Ratings

3-hour rated UL 10B*
Smoke & Draft labeled UL 1784

Code Compliance

ESR 2219
ADA compliant

Egress

Fixed complying swing doors when required

Operation

Auto-Set® automatic resetting
Fail-Safe Design - automatic self-closing mechanism does not require power operation
Manual operation for assemblies up to 10'x10'

Size

Widths to 80' (160' bi-parting), heights to 24'; for larger sizes and custom configurations consult the factory
Negotiates radius curves: 3'-0" with egress doors; 1'-6" without egress doors

Finishes

McKeon sterling gray
Powder coat
Stainless steel

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,673,514 - 5,893,234 - 8,307,877 - Additional Patents Pending

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS	FUNCTION
	Open	Self-Close		
S7200	Manual Push-open	Fail-Safe Mechanical	N/A	Side Sliding
S7400	Manual Push-open	Fail-Safe Mechanical	1 Complying Swing Door ²	Side Sliding
S7500	Manual Push-open	Fail-Safe Mechanical	2 Complying Swing Doors ²	Side Sliding
S7600	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Side Sliding
S7700	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door ²	Side Sliding
S7901-S7918 ¹	Auto-Set® Power Operator	Fail-Safe Mechanical	Multiple Complying Swing Doors ²	Side Sliding

¹ The last two digits of the model number indicate the number of swing doors.

² Maximum swing door width is 48".

Side Coiling with Fixed Egress

SAFESCAPE® S9000 Series

The Safescape® S9000 Series fire door system is a side coiling fire and smoke rated door with one or multiple integral swing type egress doors, a complying method of egress. The side coiling design makes this product ideal for openings in rated walls where headroom clearance is limited and enables the assembly to navigate around tight curves and contoured openings.

Safescape® Model S9000 | Side Acting Fire Door with One Fixed Egress Door



When the Safescape® S9000 fire door assembly is in the activated or fully closed position, egress is still possible through a complying egress door located at the leading edge.



Incorporating conventional egress swing doors with fire exit hardware, the Safescape® S9000 fire door can easily negotiate a 3' radius curve.

Side Coiling without Egress

AUTO-SET® Model S4000

The automatic resetting S4000 is a side coiling fire and smoke rated door. The S4000's side activated design makes this product ideal for openings in rated walls where headroom is limited and enables the door to navigate around tight curves and contoured openings.

Auto-Set® Model S4000 | Side Coiling Fire Door without Egress

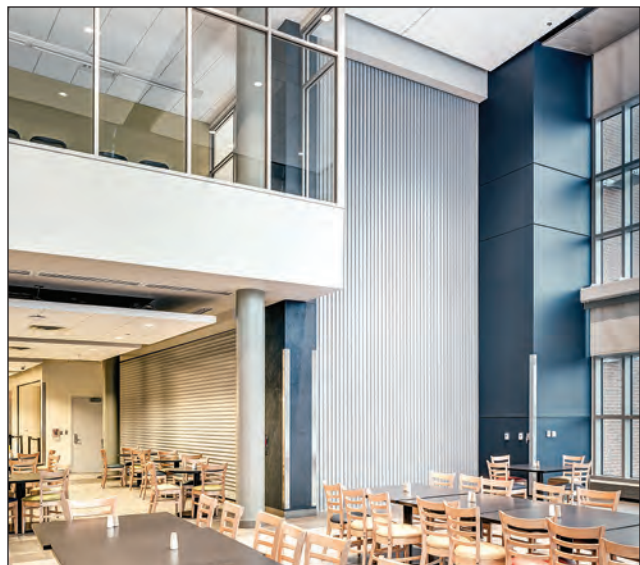


Auto-Set® Model S4000 | Side Coiling Fire Door without Egress



ABOVE & RIGHT: S4000 fire door systems do not require a floor track and are capable of navigating around tight curves and contoured openings. This triple curve, 140-foot bi-parting door assembly can easily accommodate wide-span openings, providing the required escalator shaft protection.

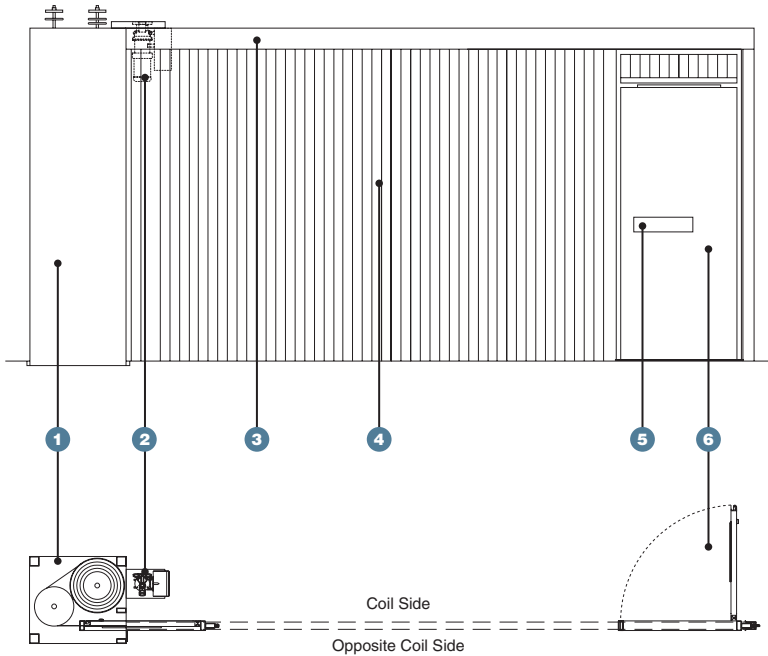
BELOW: In this university application neither width nor height was a challenge for the S4000 technology. Space, the primary concern, was easily conserved with this side coiling system which requires only a small boxed area for stacking rather than the deep-pocket storage space usually required. Notice also that the head track width is minimal and virtually invisible despite the extreme size of this 3-hour rated assembly.



SIDE ACTING FIRE DOOR SYSTEMS

S9000 with Fixed Egress: Main Components

- | | |
|----------------------------|------------------------|
| 1 Coil Box | 4 Curtain Slats |
| 2 Fire Door Motor Operator | 5 Fire Exit Hardware |
| 3 Head Track | 6 Swinging Egress Door |



Note: Egress doors may swing in opposite directions.

Product Features

Ratings

3-hour rated UL 10B*
Smoke & Draft labeled UL 1784

Code Compliance

ESR 2219
ADA compliant

Egress

Single or multiple fixed complying egress doors available in the S9000 series when required

Not applicable in the S4000 series

Operation

Auto-Set® automatic resetting

Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

Widths to 80' (160' bi-parting), heights to 24'; for larger sizes and custom configurations consult the factory

Negotiates radius curves: 3'-0" with egress doors; 1'-6" without egress

Finishes

McKeon sterling gray
Powder coat
Stainless steel

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS	FUNCTION
	Open	Self-Close		
S9000	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door	Side Coiling
S9500	Auto-Set® Power Operator	Fail-Safe Mechanical	Multiple Complying Swing Doors	Side Coiling
S4000	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Side Coiling

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,355,927 - 5,542,460 - 5,673,514 - 5,893,234 - 8,307,877 - Additional Patents Pending

Side Folding Accordion

SAFESCAPE® AC8000 Series

The Safescape® AC8000 Series fire door systems are available in either manual or motor operated designs and can be provided with or without swinging egress doors. The units are made up of either 7-inch or 14-inch panels requiring a 9-inch or a 15 1/2-inch pocket profile, respectively.

Safescape® Model AC8400 | Side Acting Accordion Fire Door with One Integral Egress Door



The Safescape® Model AC8400 is designed to be manually operated and incorporates one complying egress door.

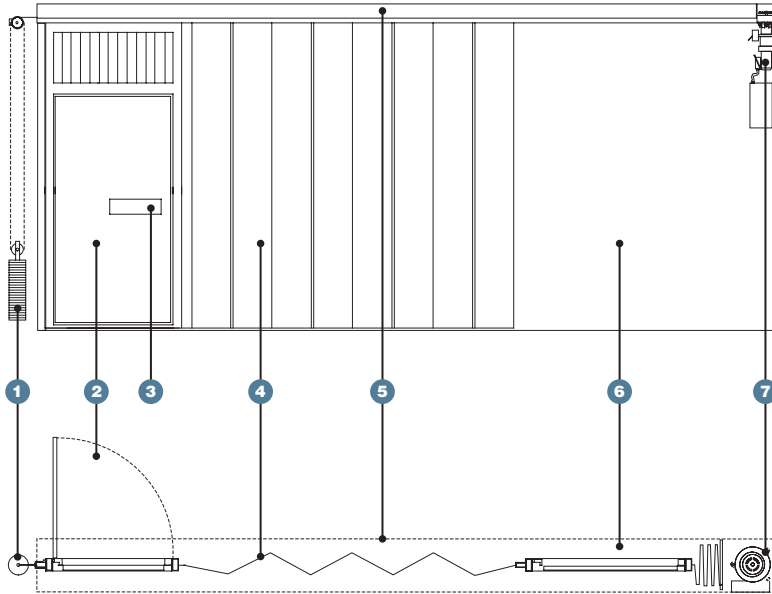
Safescape® Model AC8900 | Side Acting Accordion Fire Door with Multiple Egress Doors



The Safescape® AC8900 combines accordion-folding, mechanically-closing, dual egress with conventional swing door exiting in one assembly – only from McKeon Door!

AC8700 with Integral Egress: Main Components

- 1 Counterbalance (not applicable on the AC8800)
- 2 Swinging Egress Doors
- 3 Fire Exit Hardware
- 4 Accordion Panels
- 5 Head Track
- 6 Stack Pocket
- 7 Fire Door Motor Operator



Product Features

Ratings

3-hour rated UL 10B*
Smoke & Draft labeled UL 1784

Code Compliance

ESR 2219
ADA compliant

Egress

Fixed complying swing doors
Power assisted exit device (AC8800 only)

Operation

Auto-Set® automatic resetting
Fail-Safe Design - automatic self-closing mechanism does not require power operation
AC8800 is A/C or D/C power operated
Manual operation for assemblies up to 10' x 10'

Size

Widths to 80' (160' bi-parting), heights to 24'; for larger sizes and custom configurations consult the factory
Negotiate radius curves: 1'-6" without egress; 3'-0" with egress

Finishes

McKeon sterling gray
Powder coat
Stainless steel

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,673,514 - 5,893,234 - 6,615,894 - 8,307,877

*Listed under the Canadian equivalent CAN/ULC S104

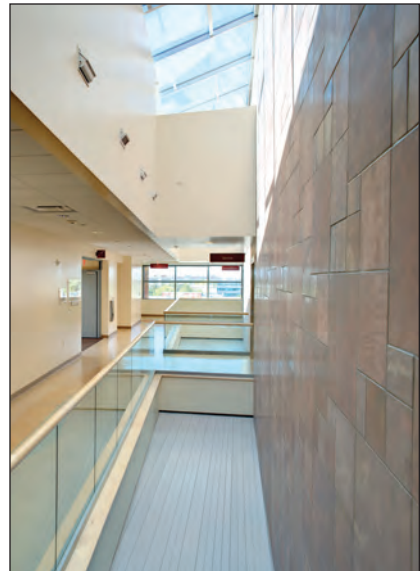
MODEL	OPERATION		EGRESS	FUNCTION
	Open	Self-Close		
AC8200	Manual Push-open	Fail-Safe Mechanical	N/A	Accordion Sliding
AC8400	Manual Push-open	Fail-Safe Mechanical	1 Complying Swing Door	Accordion Sliding
AC8500	Manual Push-open	Fail-Safe Mechanical	2 Complying Swing Doors	Accordion Sliding
AC8600	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Accordion Sliding
AC8700	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door	Accordion Sliding
AC8800	Auto-Set® Power Operator	Fail-Safe Power Operated	Power Assisted (Complying Dual Egress)	Accordion Sliding
AC8900	Auto-Set® Power Operator	Fail-Safe Mechanical	Multiple Swing Doors	Accordion Sliding

Horizontal Shutters

AUTO-SET® H200 Series

The automatic closing H200 Series horizontal shutters prevent the migration of heat, smoke or hot/toxic gases by creating vertical compartments thereby separating the vertical spaces from one another. Horizontal shutters reduce construction costs. Smoke evacuation systems can become unnecessary and one horizontal fire shutter can be used in lieu of numerous conventional fire barriers on multiple floors.

Auto-Set® H200 | Horizontal Shutter



The Model H200 horizontal shutter is used to convert this atrium to a vertical compartment separation, lowering costs by eliminating smoke evacuation systems.



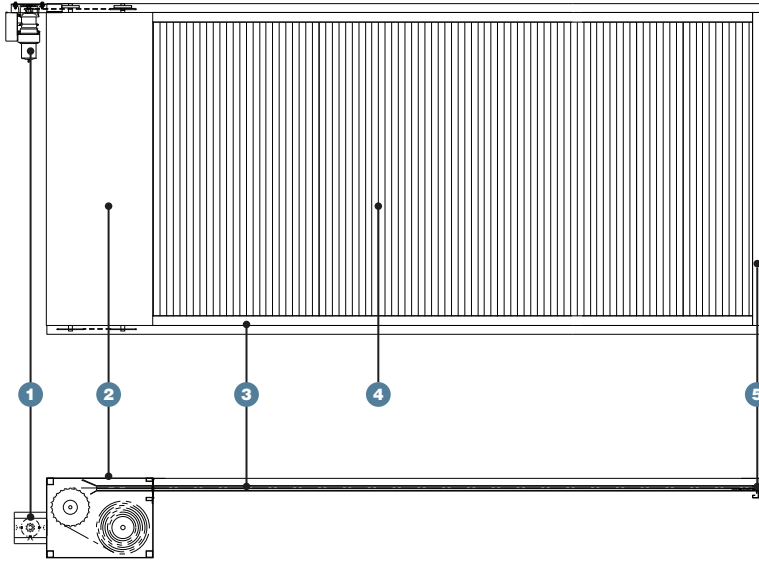
In this hi-profile retail environment, stainless finishes, vertical openings and total fire & life safety compliance are all possible with the McKeon horizontal assembly.



HORIZONTAL ACTING FIRE DOOR SYSTEMS

H200: Main Components

- 1 Fire Door Motor Operator
- 2 Coil Box
- 3 Shutter Track
- 4 Curtain Slats
- 5 Receiving Edge



Product Features

Ratings

2-hour rated UL 10B*
Smoke & Draft labeled UL 1784

Code Compliance

ESR (pending)

Operation

Auto-Set® automatic resetting
Fail-Safe Design - automatic self-closing mechanism does not require power operation

Function

Interior and exterior applications
Coiling on the horizontal plane

Size

Widths to 32', lengths to 110'
(220' bi-parting); for larger sizes and custom configurations consult factory

Finishes

McKeon sterling gray
Powder coat
Stainless steel

*Listed under the Canadian equivalent CAN/ULC S104

MODEL	OPERATION		EGRESS	FUNCTION
	Open	Self-Close		
H200	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Coiling on the Horizontal Plane
H250 (Curved)	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Coiling on the Horizontal and Vertical Plane

This technology is the subject of U.S. Patent Nos. 5,245,879 - 5,355,927 - 5,542,460 - 5,673,514 - 5,893,234 - Additional Patents Pending

Vertical Coiling Deployable Draft Curtain

FIREFIGHTER™ Model D100

The McKeon FireFighter D100 is manufactured from protective curtain assembly material that has been tested and certified under UL 10B, 10C, 10D and UL 1784; and approved to span unlimited widths and heights up to 24 feet. The test criteria included side guides, however, the test parameters for draft curtains do not require any of the above certifications except to resist the passage of smoke. Thus, the McKeon D100 exceeds the fire and life safety requirements for draft curtains in the building code.

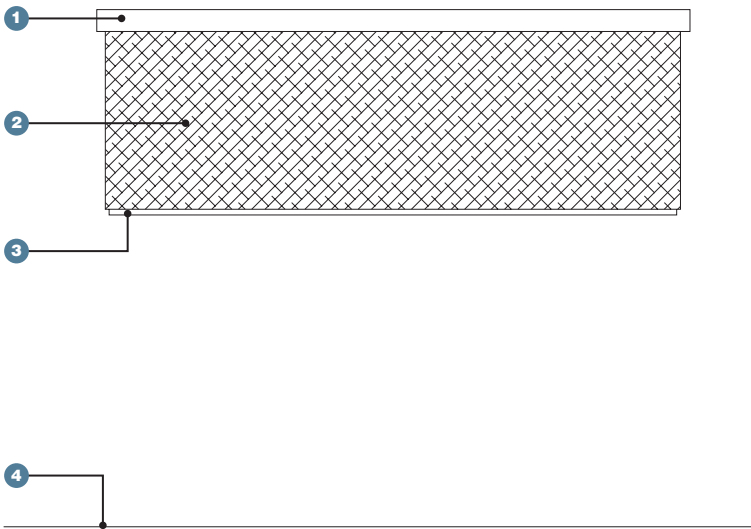


The FireFighter D100 is rated to stop both fire and smoke and will deploy only upon alarm or emergency condition leaving the space free of any fixed materials during normal conditions.



D100: Main Components

- 1** Hood Assembly
- 2** Deployable Draft Curtain
- 3** Bottom Bar
- 4** Finish Floor



Product Features

Fire & Smoke Ratings

Approved materials in compliance with IBC Section 910.3.5.1

Code Compliance

ESR (pending)

Egress

Not required

Operation

Auto-Set® automatic resetting

Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

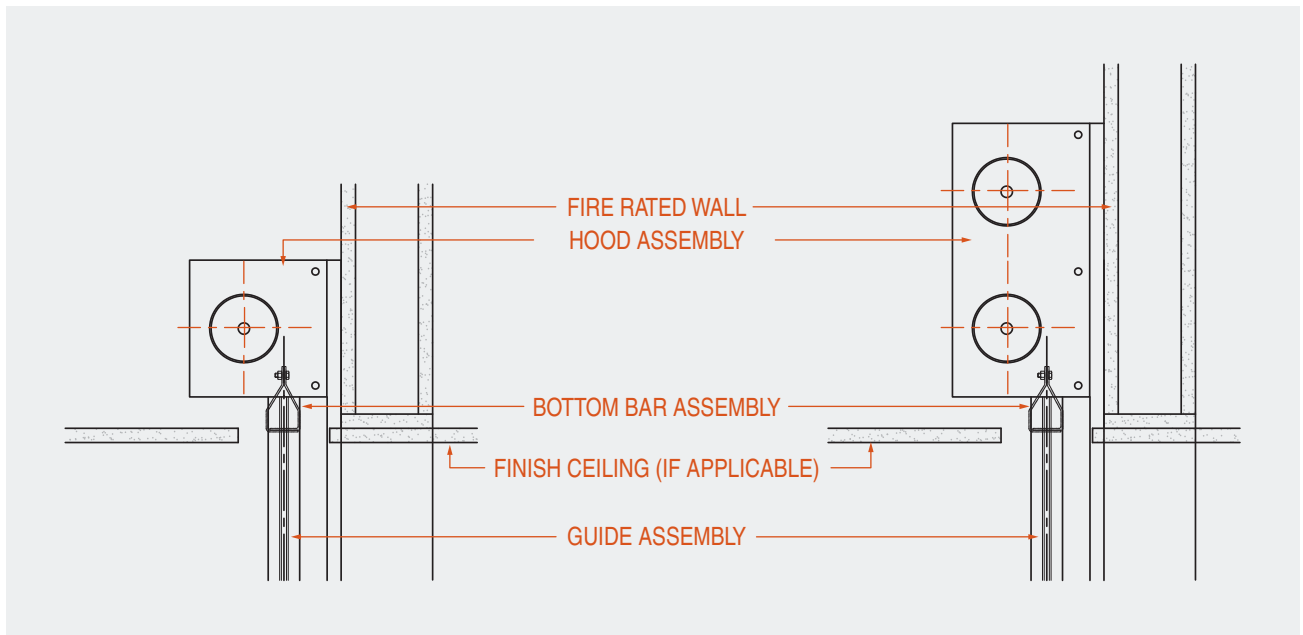
Unlimited widths; heights to 24'

Finishes (metal components)

McKeon sterling gray

Powder coat

Stainless steel



The FireFighter D100 hood assembly is available with one barrel or multiple barrels to accommodate unlimited widths.

Vertical Coiling Opening Protective w/out Egress

FIREFIGHTER™ Model D200

The D200 is an opening protective made of a flexible fire-rated fabric that is US laboratory tested and approved for unlimited widths. A first in the industry, the D200 carries a UL 10B and UL 10C rating for 20 minutes, UL 10D for 3 hours and UL 1784 for smoke and draft. FireFighter D200 is approved for use in multiple applications – whenever the 20-minute UL 10B or UL 10C rating is required for a fire door or shutter used to provide protection for an opening of any size in a rated wall.



The D200 is hidden from view in a shallow head space until activated by a smoke detector. Narrow side guides hidden within the walls provide the vertical path of travel. The McKeon FireFighter is a viable component of the IBC provisions for complaint atrium construction.



D200: Main Components

- 1** Hood Assembly
- 2** Fire & Smoke Rated Curtain
- 3** Guide Assembly
- 4** Bottom Bar



Product Features

Fire & Smoke Ratings

20-minute rated UL 10B & 10C
 3-hour rated UL 10D
 Smoke & Draft labeled UL 1784

Code Compliance

ESR (pending)

Egress

Not available

Operation

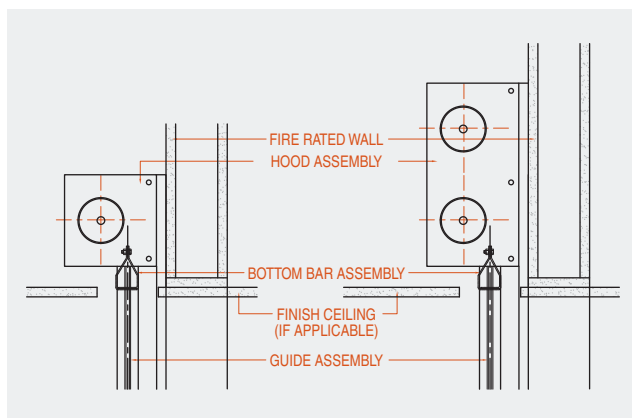
Auto-Set® automatic resetting
 Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

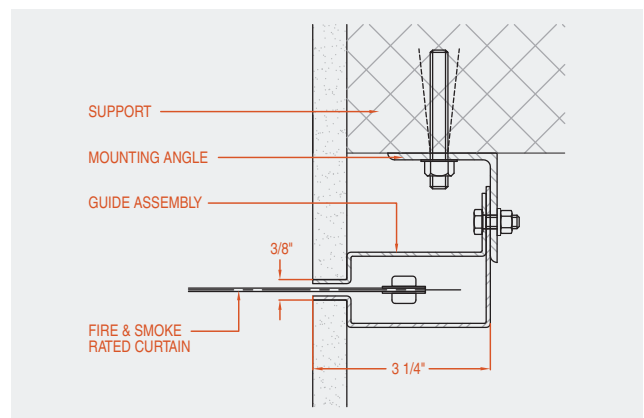
Unlimited widths and heights

Finishes (metal components)

McKeon sterling gray
 Powder coat
 Stainless steel



The FireFighter D200 hood assembly is available with one barrel, or multiple barrels to accommodate unlimited widths.



The McKeon side guide configuration, with a maximum of a 3/8" reveal, can be surface or flush mounted making it virtually invisible in any application.

Vertical Coiling Opening Protective w/Egress

FIREFIGHTER™ D200E Series

The D200E offers a patent-pending and burn-tested egress feature that complies with exiting requirements of the building codes. The FireFighter D200E Series is the only protective curtain assembly on the market with a 20-minute UL 10B and 10C rating, 3-hour UL 10D rating, UL 1784 smoke and draft rating and integral conforming swing egress door(s). “The First Responder” is truly a first – going beyond where others leave off!



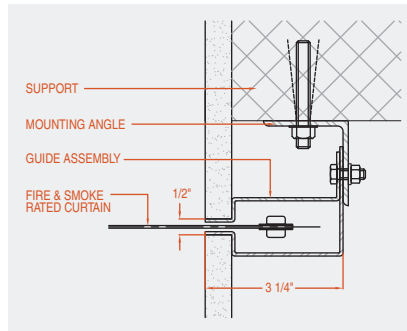
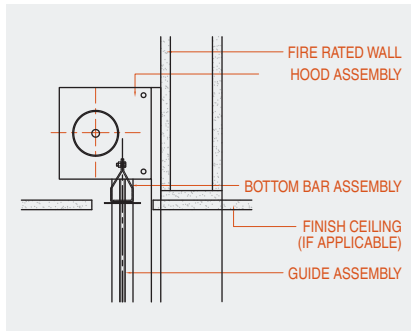
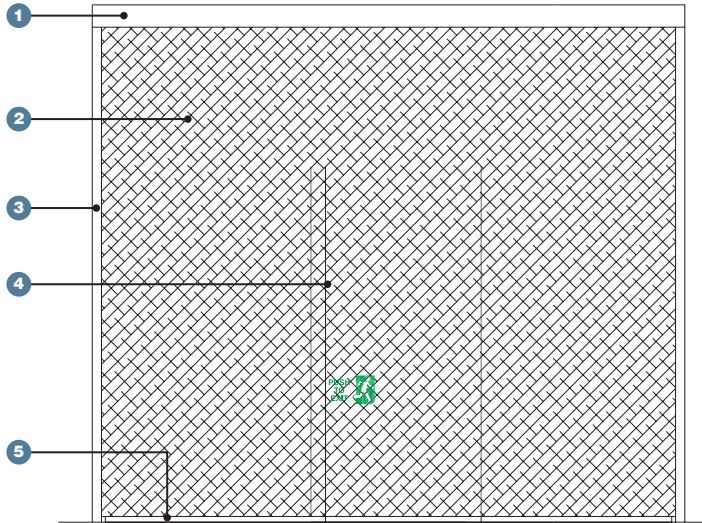
The means of egress in the D200E complies with the provisions of the ADA.



The FireFighter D200E is a single assembly with either one or multiple egress doors. Capable of spanning a maximum width of 60 feet, almost any bank of elevators can be protected with a single curtain.

D200E: Main Components

- 1** Hood Assembly
- 2** Fire & Smoke Rated Curtain
- 3** Guide Assembly
- 4** One or Multiple Soft Surface Egress Door(s)
- 5** Bottom Bar



Product Features

Fire & Smoke Ratings

20-minute rated UL 10B & 10C

3-hour rated UL 10D

Smoke & Draft labeled UL 1784

Code Compliance

ESR (pending)

ADA compliant

Egress

Available with up to 8 complying egress doors

Operation

Auto-Set® automatic resetting

Fail-Safe Design - automatic self-closing mechanism does not require power operation

Size

Widths to 60' and heights to 24'

Finishes (metal components)

McKeon sterling gray

Powder coat

Stainless steel

Far left: The FireFighter D200E hood assembly is available with one barrel only.

Left: The FireFighter D200E side guide configuration, with a half-inch reveal, can be surface or flush mounted making it virtually invisible in any application.

MODEL	OPERATION		EGRESS
	Open	Self-Close	
D100	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A
D200	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A
D201E	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Swing Door
D202E - D208E*	Auto-Set® Power Operator	Fail-Safe Mechanical	2 to 8 Swing Doors

* The last digit of the model number indicates the number of swing doors.

This product has patents pending.

FEMA 361 Certified & ICC 500 Compliant

SAFESPACE™ 500

ICC has adopted FEMA criteria for the design and construction of a safe room that provides near-absolute protection for occupants from wind and wind-borne debris. With SafeSpace 500, safe rooms and storm shelters can be constructed to FEMA 361 and ICC 500 Standards without sacrificing natural light and multi-purpose use. Utilizing McKeon Door's wide span engineering capabilities, this new technology can protect multiple openings and is available up to 16 feet wide so won't restrict the size of the openings for doors and windows.

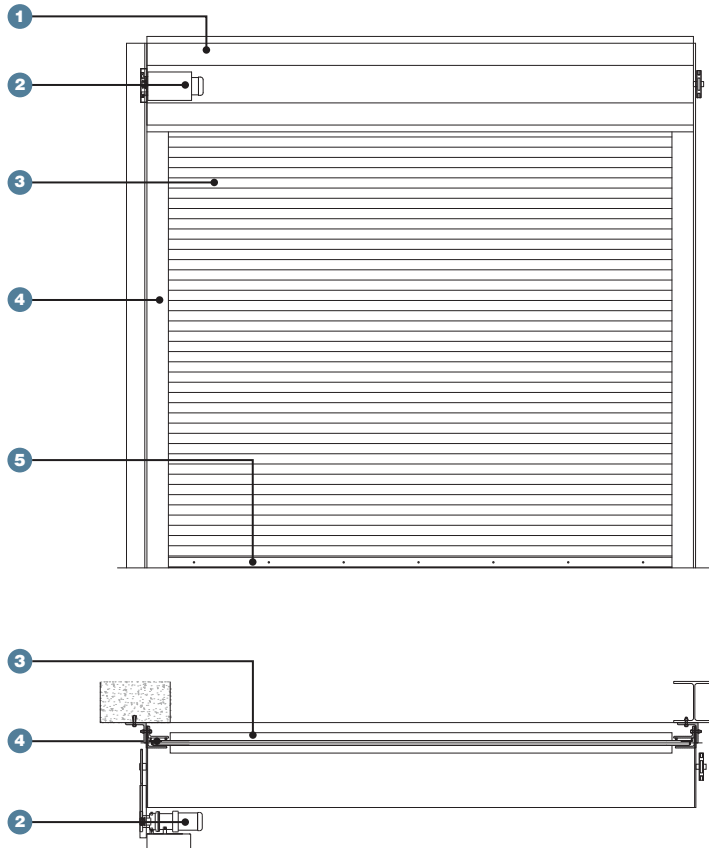
SafeSpace™ 500 | FEMA 361 Certified & ICC Compliant Door



When Lincoln Elementary added on to their overcrowded facility they were able to realize two important goals at once by utilizing three SafeSpace 500 assemblies – a new cafeteria that also functioned as a tornado safe room. The wide span openings allow abundant natural light into the space so it doesn't feel like a storm shelter, until it is necessary.

SafeSpace™ 500: Main Components

- 1 Hood
- 2 Motor Operator
- 3 Curtain Slats
- 4 Side Guide Assembly
- 5 Bottom Bar Assembly



Product Features

Ratings

Wind Pressure. Sustain a 240 psf wind pressure (1.2 times the design wind pressure of 200 psf) in accordance with ASTM E330

Large Missile Impact. Sustain a large missile impact test in accordance with ASTM E1886 for FEMA 361 assemblies

Code Compliance

ICC 500. ICC 500/NSSA Standard for the Design and Construction of Storm Shelters

FEMA 361. FEMA Standard for the Design and Construction of Safe Rooms for Tornadoes and Hurricanes

Operation

Power motor operation

Size

Unlimited heights and widths to 16'

Finishes

McKeon sterling gray

Powder coat

Stainless steel



The missile impact test proves the ability to withstand wind-borne debris from a hurricane or tornado.



The SafeSpace 500 was subjected to both a positive and negative pressures equal to 1.2 times the 255 mph design wind load.

This product has patents pending.

Operational Wind Load Rated

Dynamic 110

An operational wind load of 110 mph combined with the durability of a McKeon wide span opening protective door assembly makes this product an ideal solution in any environment. Tested and certified for door assemblies up to 30 feet wide with a wind load introduced and maintained over the duration of a complete opening and closing cycle. Ensured operation during sustained wind loads offers the end user the flexibility to use these door assemblies in virtually any structure in any application. Guarantee consistent work schedules and protect building contents without compromising occupant safety.

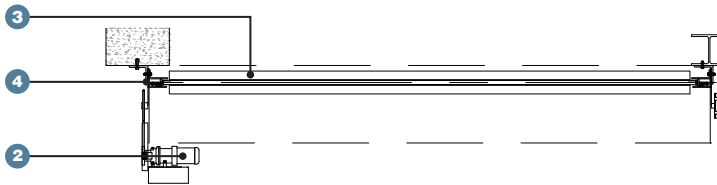
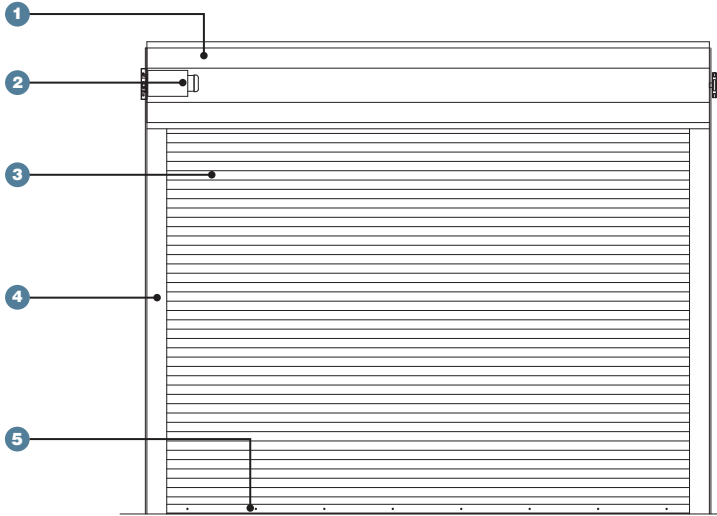
Dynamic 110 | Operational Wind Load Rated Door



Fully operational while subjected to a sustained 110 mph wind load – with no damage or deformation.

Dynamic 110: Main Components

- 1 Hood
- 2 Motor Operator
- 3 Curtain Slats
- 4 Side Guide Assembly
- 5 Bottom Bar Assembly



Product Features

Ratings

Operational wind load of 110 mph

Operation

Power motor operation

Size

Unlimited heights; widths to 30'

Finishes

McKeon sterling gray

Powder coat

Stainless steel

MODEL	OPEN/CLOSE	FUNCTION
SafeSpace 500	Power Operator	Vertical coiling door – Certified to FEMA 361 & ICC 500 Standards for use in tornado & hurricane safe rooms and storm shelters
Dynamic 110	Power Operator	Vertical coiling door – Certified to an operational wind load of 110 mph for use in extreme wind force conditions

This product has patents pending.

Vertical & Side Coiling Service Doors

PF3000 Series, SD3000 Series & CS3000 Series

McKeon Door Company offers a wide selection of non-fire rated custom service doors. These assemblies can be manufactured in literally any size or for any function including insulated and sound rated, with either solid or perforated slats. All of these slat configurations are available in 16, 18, 20 or 22 gauge. Finishes include McKeon standard sterling gray, custom powder coat, stainless steel, anodized or powder-coat aluminum, galvanized or baked enamel coated steel. Service doors can be oriented to any custom-fit scenario – vertical coiling, side acting, side coiling or horizontal coiling.

Model PF3000 | Vertical Coiling Perforated Security Door



The PF3000 is an excellent see-through security door. This unique assembly is constructed of roll-formed perforated slats. It offers discreet visibility, tighter security and small children cannot climb it reducing liability and damage.



Custom versions of the PF3000 Series service doors include slats with custom round perforations and non-level threshold applications.



Model SC3000PF. Interior radii, with a variety of custom finishes on perforated slats enhance high profile spaces.

NON-FIRE RATED DOOR SYSTEMS

SD3000 Series | Vertical Coiling Service Door



Heavy duty use, exposure to exterior conditions and reliable operation are features of these McKeon service doors.

CS3000 Series | Vertical Coiling Service Counter Shutter



CS3000 vertical coiling counter shutters provide convenience and security in one easy manual or motor operated assembly. They are available in a variety of colors and component finishes.

Vertical Coiling Insulated Service Doors

CLIMATEGUARD™ IS3000 Series



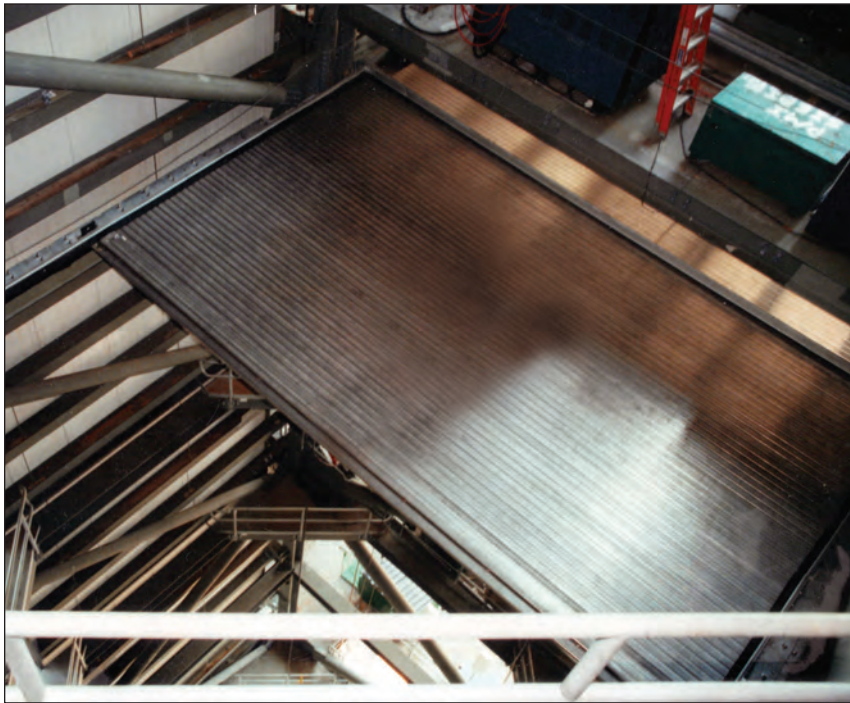
ClimateGuard IS3000 Series insulated service doors are designed for both interior and exterior use where protection against the transfer of temperature is critical for energy conservation and protection against the elements. They require a minimum amount of head room and side room and are available in a variety of finishes. Where necessary these doors can be designed as self-opening assemblies to allow egress.



ClimateGuard IS3000 Series doors are ideal for heavy traffic and high cycle applications and can be designed to sustain extreme wind loads. When climate control is necessary, ClimateGuard guarantees the highest thermal protection in the industry.

Horizontal Acting Service Doors

HS100 Series



Technologically advanced HS100 horizontal service doors from McKeon Door Company divide the interior of NASA's Vertical Assembly building into secure compartmentalized space and provide protection from intrusion, weather and the environment. Custom designed for each application.

MODEL	OPEN/CLOSE	FUNCTION
PF1000	Power Operator	Vertical coiling, perforated, self-opening security door
PF3000	Power or Manual* Operator	Vertical coiling perforated security door
SD3000	Power or Manual* Operator	Vertical coiling service door – high cycle, heavy use
CS3000	Power or Manual* Operator	Vertical coiling service counter shutter
IS3000	Power or Manual* Operator	Vertical coiling service door – high cycle, heavy use, insulated for sound & temperature abatement ; self-opening available
HS100	Power Operator	Horizontal coiling service door
HSL150 (Curved)	Power Operator	Horizontal and vertical coiling service door with curve

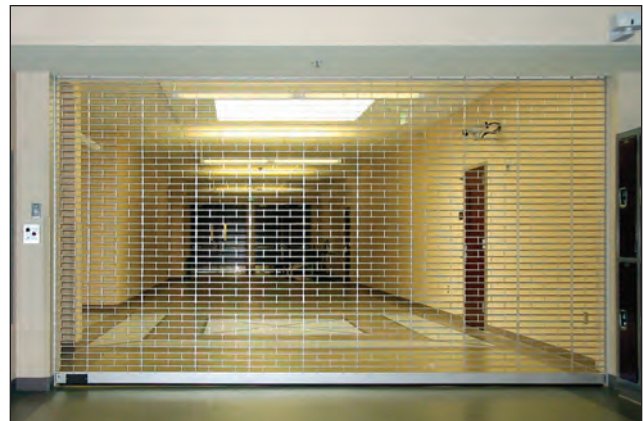
*Manual operation is limited by size, consult factory.

Vertical Coiling Self-Opening Grilles

SAFESCAPE® G1000 Series

McKeon grille assemblies are custom-designed to meet your specific needs. There are more than six curtain patterns and anodized finishes to choose from, either vertical or side coiling. The self-opening models are designed to provide exiting when security is desired in the path of the means of egress. Using fail-safe mechanical technology a self-opening grille will provide adequate egress in the path of exit every time.

Safescape® Model G1000 | Vertical Coiling Self-Opening Security Grille



Safescape® Model G1000 | Vertical Coiling Self-Opening Security Grille



In the event of an emergency, power failure, activation of a facility's fire alarm system or smoke detection system, Models G1000 and G1500 self-opening security grilles ascend to the open position. In a non-emergency mode, these units provide security.

Safescape® Model G1500 | Vertical Coiling Self-Opening Security Grille w/Deployable Egress Door



The self-opening Model G1500 grille in the fully closed position allows for two means of egress. In alarm condition, the grille rises to the open position leaving the swing door fixed in place and the path of egress open. For convenience, the complying egress swing door can be used in lieu of raising the overhead coiling assembly. To allow higher occupant loads to access the opening without activating the grille, dual complying egress swing doors are available.

Side Coiling Self-Opening Grilles

SAFESCAPE® G4000 Series

Safescape® Model G4000 | Side Coiling Self-Opening Security Grille



The Model G4000 provides a safe, efficient and economical means of solving both safety and security issues with one product. In the event of a fire, the grille will automatically retract to allow for egress.



Safescape® Model G4500 | Side Coiling Self-Opening Security Grille w/Integral Egress Door



The self-opening Model G4500 grille in the fully closed position allows for two means of egress. In alarm condition, the grille retracts to the open position leaving the path of egress open. For convenience, the complying egress swing door can be used in lieu of opening the side-coiling assembly. To allow higher occupant loads to access the opening without activating the grille, dual complying egress swing doors are available.

Vertical Coiling Security Grilles

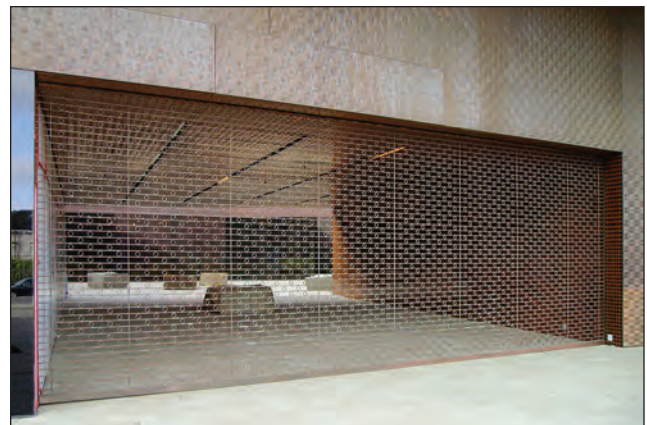
SG3000 Series



Custom finishes and custom sizes can be fabricated to meet the requirements of most interior design objectives.



Size is not an issue with McKeon engineered assemblies so security and openness go hand in hand with this custom-pattern grille.



Engineered for daily operation in an exterior application, designed to high-profile custom appearance specifications, and constructed of solid brass components the security grille shown above is one of a kind.

Side Coiling Security Grilles

SC3000 Series



Model SC3000G. Hi-profile custom curtain patterns, double radius curves and bi-parting configuration come together to provide security in the off hours with a touch of subtle marketing appeal in the closed position. Ease of operation and convenient pocket storage allow total access during business hours.

MODEL	OPEN/CLOSE	EGRESS	FUNCTION
G1000	Power Operator	Fail-safe mechanical open	Vertical coiling, self-opening security grille
G1500	Power Operator	Fail-safe mechanical open and swing doors	Vertical coiling, self-opening security grille with deployable egress swing doors
G4000	Power Operator	Fail-safe mechanical open	Side coiling, self-opening security grille
G4500	Power Operator	Fail-safe mechanical open and/or swing doors	Side coiling, self-opening security grille with fixed egress swing doors
SG3000	Power or Manual* Operator	N/A	Vertical coiling security grille
SC3000G	Power Operator	N/A	Side coiling security grille

*Manual operation is limited by size, consult factory.

A McKeon door - from design to delivery.



Creative Solutions • Innovative Designs • Proven Products



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