McKEON PRODUCT CATALOG

McKEON







Creative Solutions • Innovative Designs • Proven Products

Product Catalog

Performance & Code Compliance

All McKEON® rated assemblies carry Underwriter's Laboratory (UL), Intertek (ITS) or Factory Mutual (FM) listings for both smoke- and fire, currently confirmed and published under an Intertek Code Compliance Research Report. Each fire door, fire shutter, and fire curtain 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, shutter, and curtain assemblies are tested and listed under current code referenced standards ensuring total acceptance and quality performance.

Educational Opportunities

McKEON® is a certified AIA and ICC Continuing Education Provider. We offer AIA CES learning units in Health Safety & Welfare to the architectural community and ICC CEUs for the code enforcement arena. Our textbook, "Fire Door Systems: A Guide to Code Compliance", is an interpretive manual on the current building code as it applies to fire resistance, opening protectives and egress.

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FIREFIGHTER® D400X

- Smoke and fire rated textile layers
- Unlimited widths and heights
- Low profile and light weight







D400X

FireFighter® Model D400X

Curtain Fire Shutter

The Model D400X is a one-of-a-kind curtain shutter that has been tested and labeled to UL 10B for 2 hours with hose stream and available with smoke & draft labeled UL 1784 smoke & draft. Unparalleled in the market, it is designed to protect openings in any wall rated up to 2 hours – including Fire Walls and Fire Barrier Walls!

A simple but unique configuration of textile layers permanently joined together as one unit and stored on a barrel in the head box. When deployed, the D400X rolls down as if it were a rolling steel door! A substantial opening protective ready to withstand heat, fire, smoke and the ultimate integrity test – the hose stream.

◀ **FireFighter® Model D400X** | Tech Office NYC

Product Features

Ratings

2-hour rated UL 10B with hose stream*

UL 1784 labeled, tested, & listed without an artificial bottom seal

Code Compliance

CCRR-1086

Operation

Auto-Set® automatic resetting

Fail-Safe Design – automatic self-closing mechanism does not require power or battery operation to self-close

Size

Unlimited widths and heights to 48'; for larger sizes and custom configurations consult the factory

Finishes (metal components)

McKEON® Sterling Gray

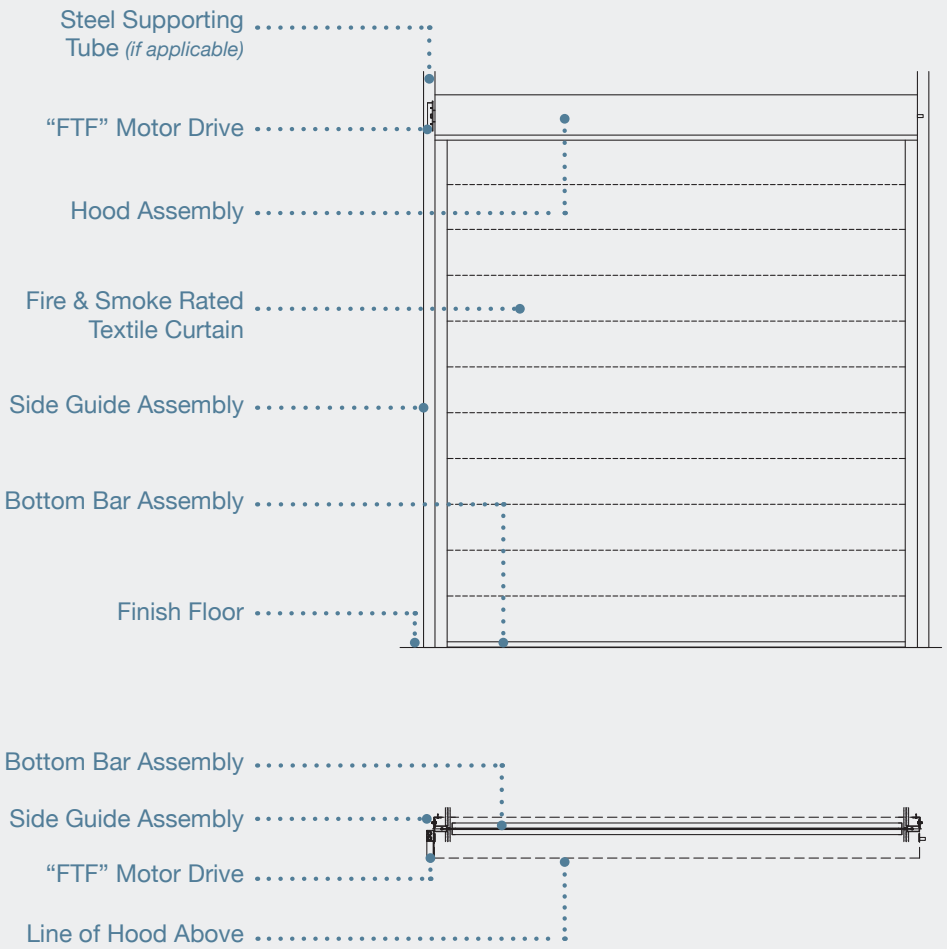
Powder coat of any color as selected

Stainless steel – No. 4 Polish or No. 8 Mirror

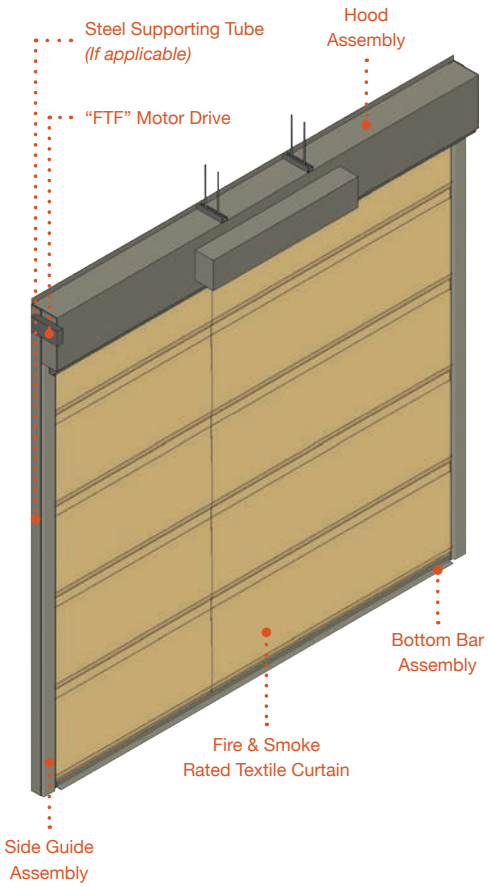
*Listed under the Canadian equivalent CAN/ULC S104

This technology is the subject of US Patent Nos. 10,145,174 12,048,856 and 12,697,515; and has additional patents pending.

VERTICAL ACTING FIRE DOOR SYSTEMS



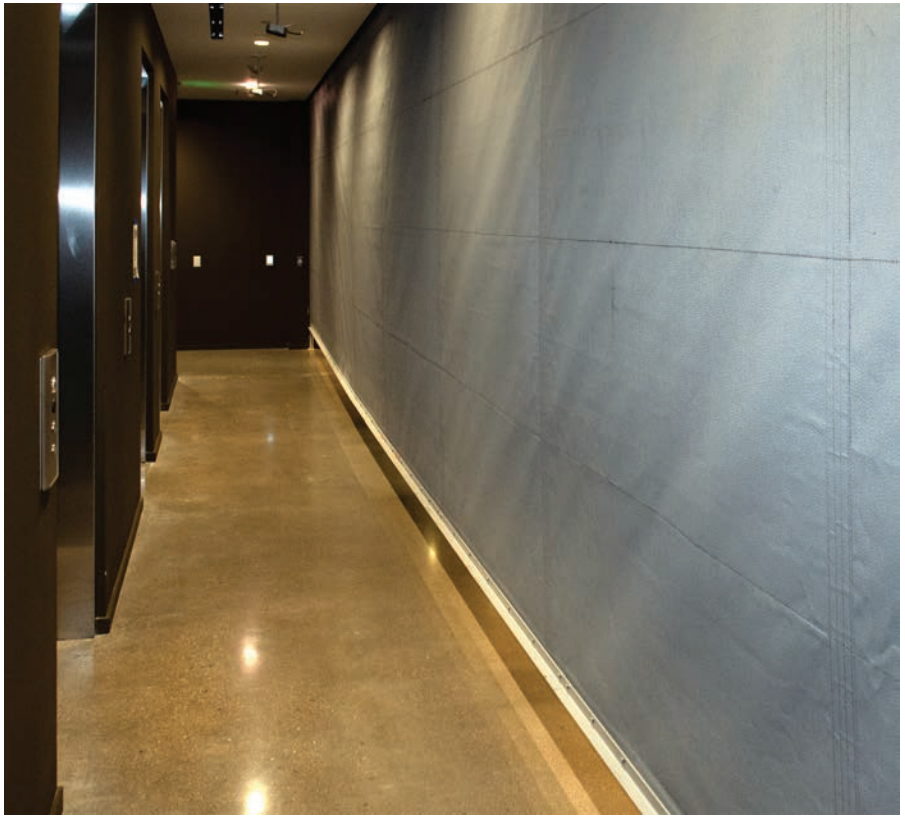
FireFighter® Model D400X Design, handling and installation are much easiers due to significant reductions in profile size and weight when compared to conventional rolling steel fire doors.



D400X

VERTICAL ACTING FIRE DOOR SYSTEMS





FireFighter® Model D400X | JP Morgan Chase Denver Market Station

MODEL	OPEN	SELF-CLOSE	EGRESS
D400X	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A

SAFESCAPE® T2000

- Concealed overhead coiling
- Conventional egress doors up to 180° pocketed swing
- No deep storage pockets







T2000

Safescape®
T2000 Series

Overhead Coiling Fire Door with Deployable Egress

The Safescape® T2000 Series vertical coiling smoke and fire rated door system incorporates either one or two deployable complying swinging egress doors. Flush mounted in an adjacent wall, complying swinging egress 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 of speed. Within seconds a 3-hour opening protective with single or dual swinging egress doors stands ready to fight smoke and fire.

◀ **Safescape® Model T2000** | Prada Beverly Hills

Product Features

Ratings

3-hour rated UL 10B*

90-minute rated assembly available with a 650° F over 30 minutes Temperature Rise rating when required

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

ADA compliant

Egress

Available with up to 2 complying swinging egress doors

Operation

Auto-Set® automatic resetting

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

Size

Widths to 60' and heights to 48'; for larger sizes and custom configurations consult the factory

Finishes

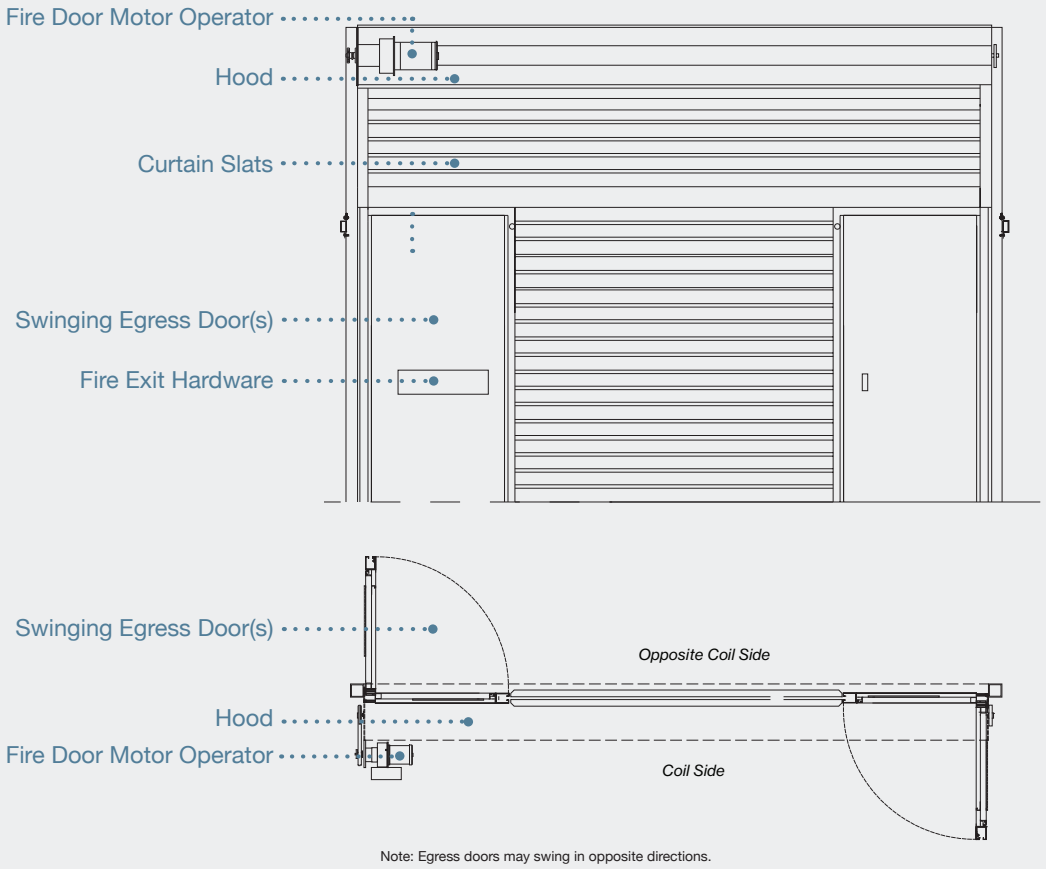
McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

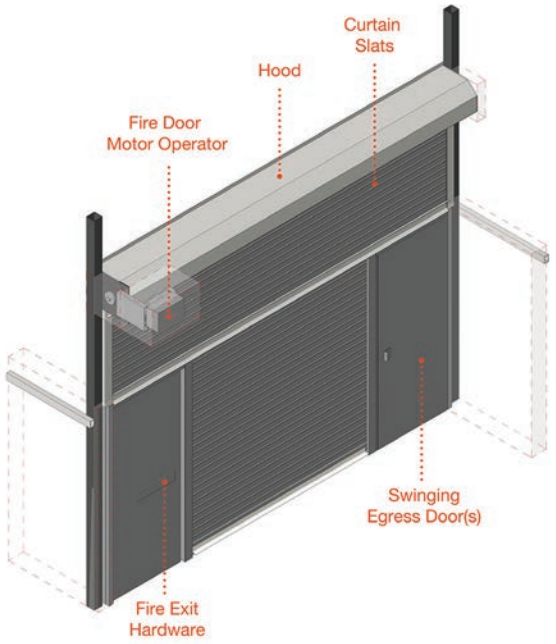
*Listed under the Canadian equivalent CAN/ULC S104

VERTICAL ACTING FIRE DOOR SYSTEMS



Note: Egress doors may swing in opposite directions.

Safescape® Model T2500 The rolling steel portion of this assembly can accommodate large width and unlimited height openings. The integrated door frames are flush mounted in the adjoining walls with the deployable swing doors in the open position. Together these components comprise a coordinated opening protective guaranteed to close in case of fire, yet provide required egress.



T2000

VERTICAL ACTING FIRE DOOR SYSTEMS







Safescape® Model T2500 | Northwood Middle School

MODEL	OPEN	SELF-CLOSE	EGRESS
T2000	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door*
T2500	Auto-Set® Power Operator	Fail-Safe Mechanical	2 Complying Swing Doors*

*Maximum swing door width is 48".

SAFESCAPE® T5000

- Concealed overhead vertical acting
- Multiple swinging egress doors
- Protect large openings & provide egress







T5000

Safescape® T5000 Series

Overhead Acting Fire Door with Fixed Egress

Safescape® T5000 Series smoke and fire rated door assemblies are designed to coil at the top allowing the rigid bottom frame with fixed swinging 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.

Product Features

Ratings

3-hour rated UL 10B*

90-minute rated assembly available with a 650° F over 30 minutes Temperature Rise rating when required

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

ADA compliant

Egress

Available with up to 18 complying swinging egress doors

Operation

Auto-Set® automatic resetting

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

Size

Widths to 80' and heights to 40'; for larger sizes and custom configurations consult the factory

Finishes

McKEON® Sterling Gray

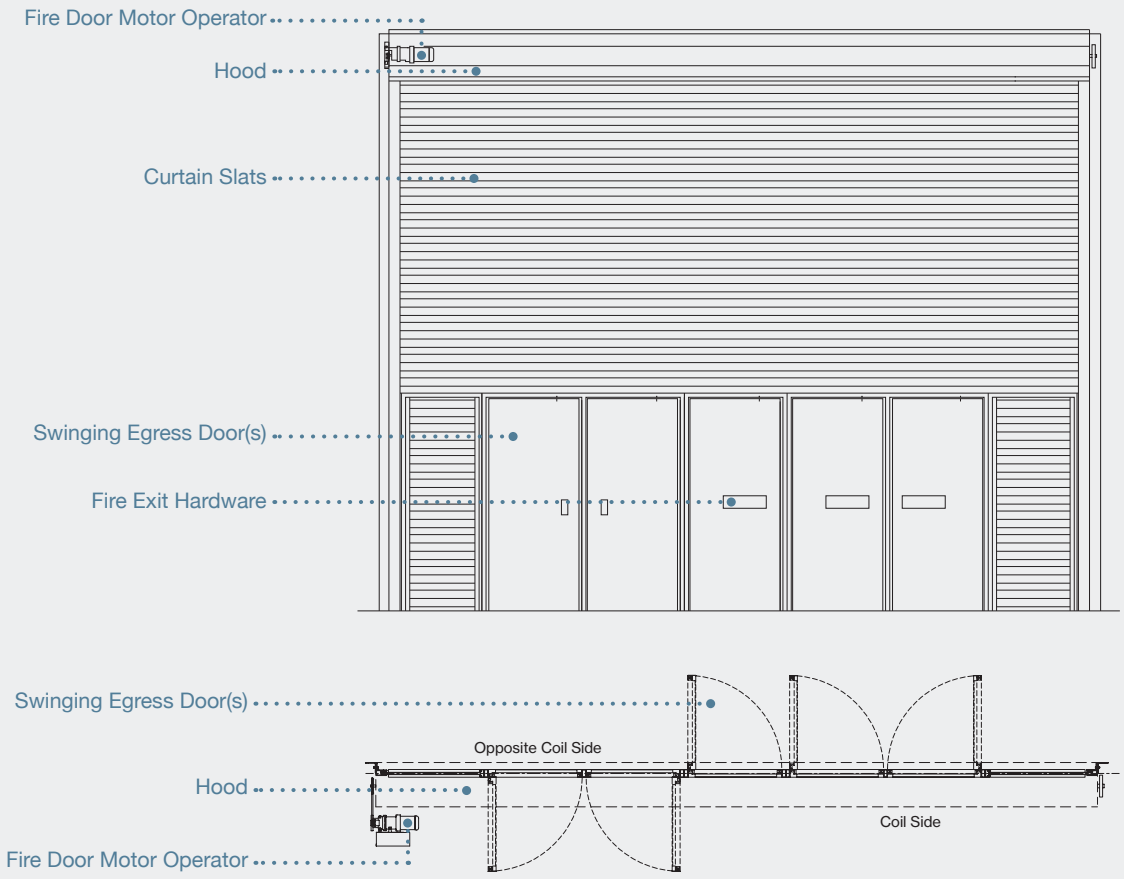
Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

◀ **Safescape® Model T5006** | Aliante Casino + Hotel

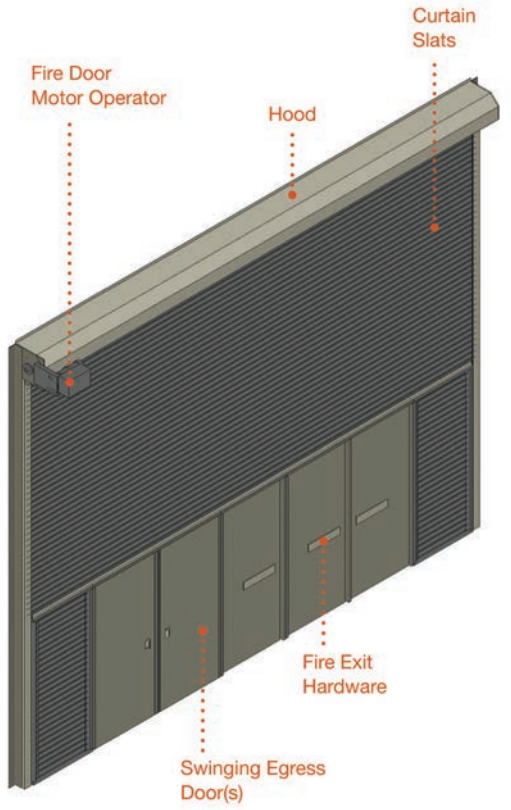
*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent No. 8,453,707.

VERTICAL ACTING FIRE DOOR SYSTEMS



Note: Egress doors may swing in opposite direct ions.

Safescape® Model T5005 Often the design parameters do not allow space for side sliding or siding coiling storage pockets. Ideal when there is sufficient head-room above the opening, this door system requires only a simple side-guide mounted on each side of the opening. This technology features multiple conventional egress doors to accommodate large occupant loads.



T5000

VERTICAL ACTING FIRE DOOR SYSTEMS





Safescape® Model T5007 | Planet Hollywood Resort & Casino



Safescape® Model T5002 | Perez Art Museum Miami

MODEL	OPEN	SELF-CLOSE	EGRESS
T5001	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".

AUTO-SET® FSFD

- When egress is not an issue
- Simplified install, test & reset
- Widths to 80'







FSFD

Auto-Set®
FSFD Series

Overhead Coiling Fire Door without Egress

McKEON® Auto-Set® FSFD Series are recommended in situations where smoke and fire protection is required but building occupant egress is not an issue. The vertically acting fire door is UL, Intertek and Factory Mutual classified for up to four hours in both masonry and drywall applications.

Also available:

- Auto-Set® Model FSFD-STC with an acoustical rating of up to 34 STC
- Auto-Set® Model FSFD-IS with climate control insulation
- Auto-Set® Model FSFD-TR with a temperature rise rating when required

◀ **Auto-Set® Model FSFD** | Nike The Grove

Product Features

Ratings

FSFD Up to 4-hour rated UL 10B*

UL 1784 tested & listed without an artificial bottom seal

FSFD-TR Rated (Temperature Rise)

Single assembly, 90-minute fire rating, available with a temperature rise rating of 650°F over 30 minutes when required

Double assembly positioned back-to-back, 4-hour fire rating, available with a temperature rise rating of 450°F over 30 minutes when required

FSFD-IS Thermal protection with an R value up to 9.3

FSFD-STC Available with an STC up to 34

Code Compliance

CCRR-1086

Operation

Auto-Set® automatic resetting

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

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

Size

Widths to 80' and heights to 48'; for larger sizes and custom configurations consult the factory

Finishes

McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent No. 8,453,707.

VERTICAL ACTING FIRE DOOR SYSTEMS







Auto-Set® Model FSFD | Piedmont High School

FSFD

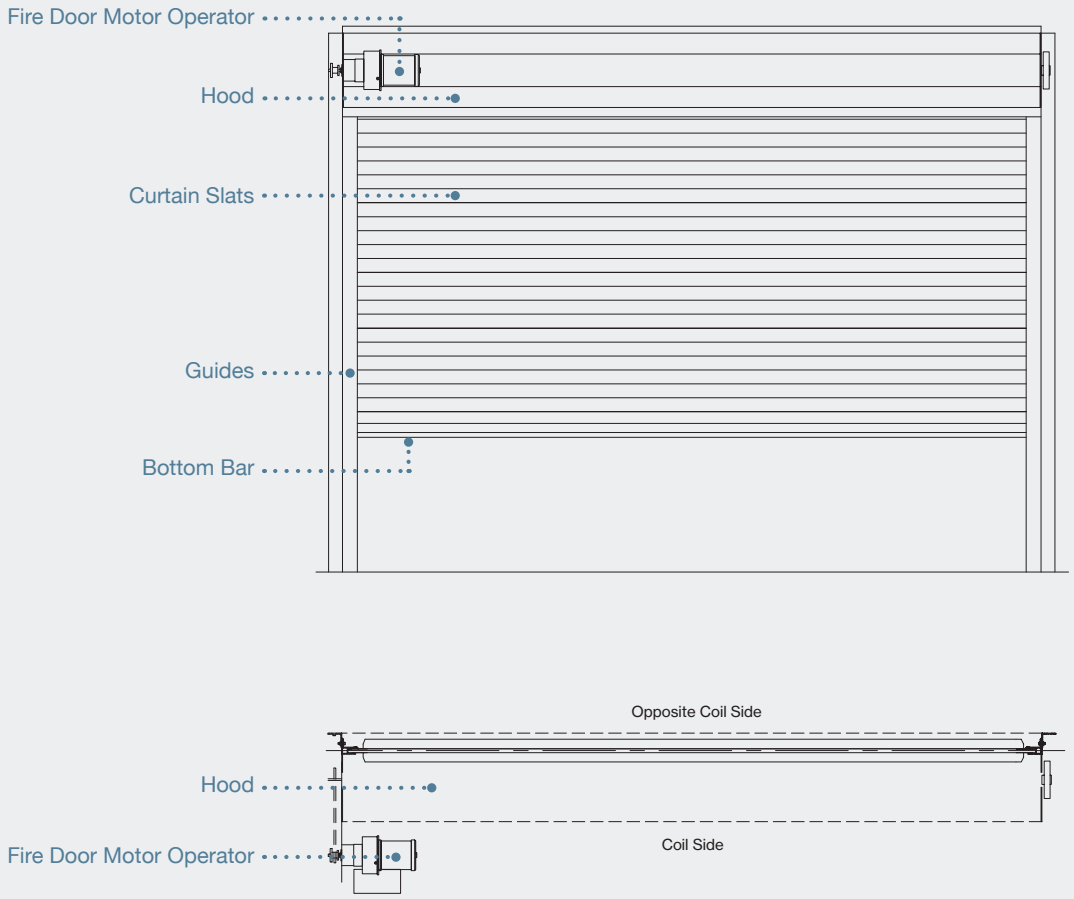
VERTICAL ACTING FIRE DOOR SYSTEMS



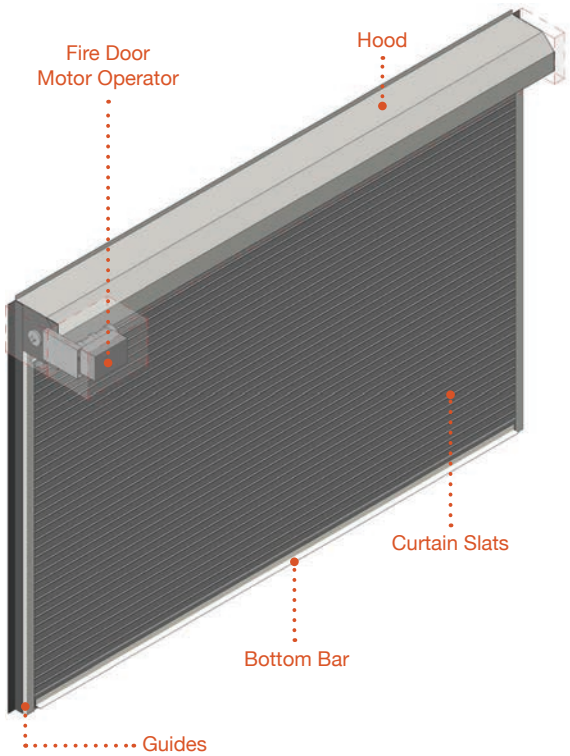


Auto-Set® Model FSFD-STC | Liberty High School

VERTICAL ACTING FIRE DOOR SYSTEMS



Auto-Set® Model FSFD This overhead coiling door appears to have standard industry features and functions but it is much more. With the AutoSet® operator and constructed of robust and unique operating components, it leads the industry in functionality and dependability. In addition to a fire rating the FSFD can be both sound and temperature rise rated.



FSFD

VERTICAL ACTING FIRE DOOR SYSTEMS





Auto-Set® Model FSFD-TR | Providence Public Library

MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
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 Rated Fire Door

AUTO-SET® CFS

- Concealed inboard motor operator
- Low profile slat
- Interior or exterior applications







CFS

Auto-Set®
CFS Series

Counter Fire Shutter

The automatic resetting Auto-Set® CFS Fire and Smoke Rated counter shutters can be designed to accommodate almost any opening variation up to 30 feet in width and 12 feet in height for both interior and exterior applications. Unlike conventional counter fire shutters the Auto-Set® CFS Series are easily tested and reset by on site building personnel. For a finished appearance when the housing is exposed McKEON® offers a tubular concealed inboard motor option.

◀ **Auto-Set® Model CFS** | Planet Hollywood Towers

Product Features

Ratings

Up to 3-hour rated UL 10B*

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

Operation

Auto-Set® automatic resetting

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

Available with a concealed inboard fire shutter motor operator

Size

Widths to 30' and heights to 12'; for larger sizes and custom configurations consult the factory

Finishes

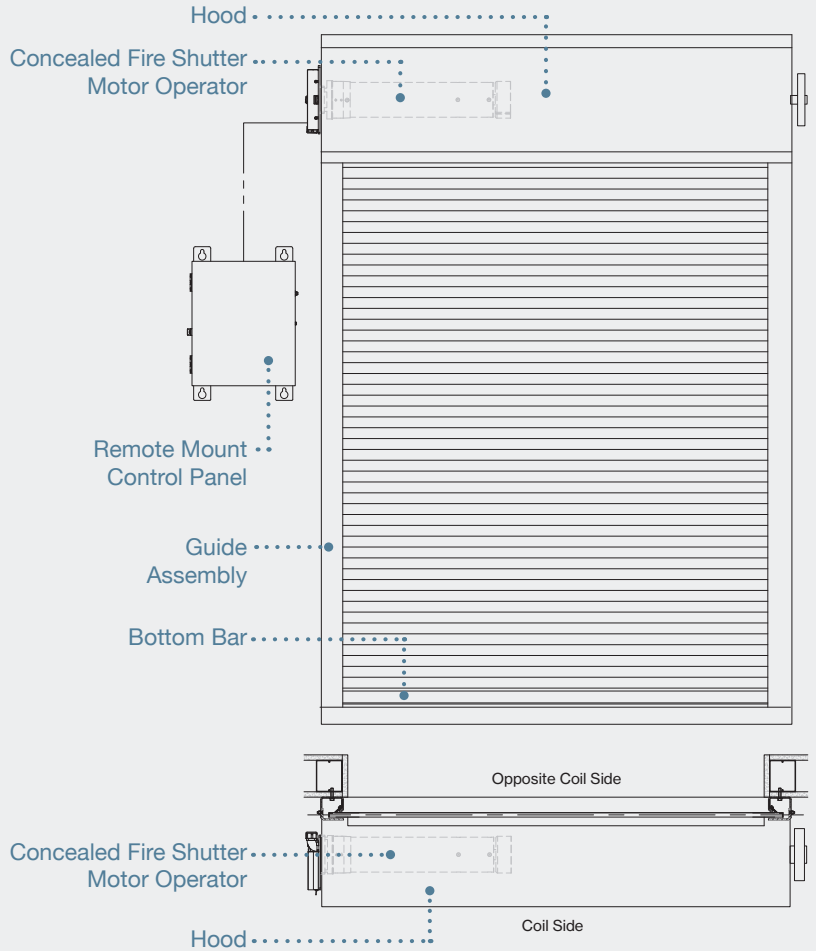
McKEON® Sterling Gray

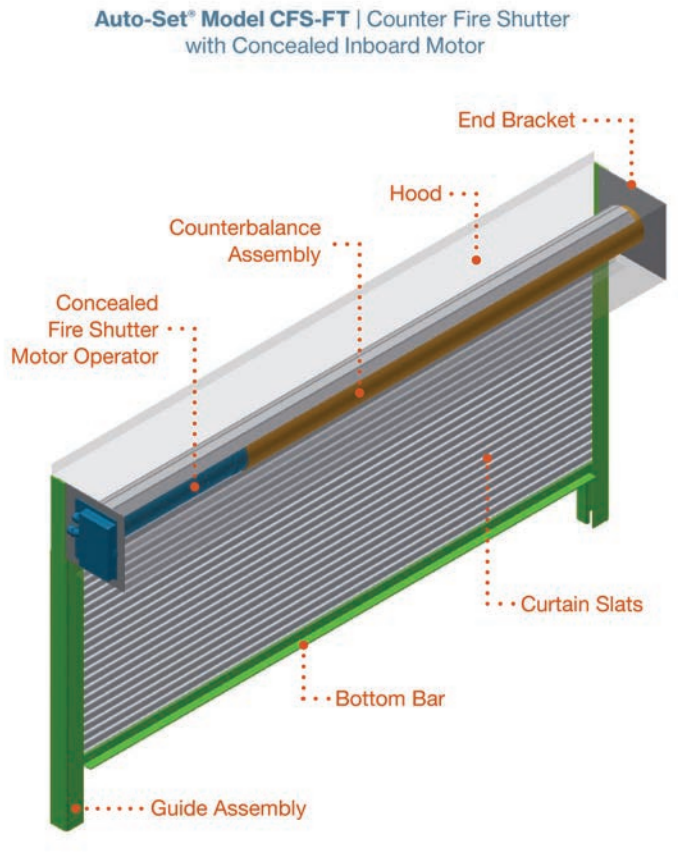
Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

*Listed under the Canadian equivalent CAN/ULC S104

VERTICAL ACTING FIRE DOOR SYSTEMS





Auto-Set® Model CFS fire shutters can be designed to accommodate almost any opening variation. For a finished appearance when the housing is exposed McKEON® offers a tubular concealed inboard motor option.

CFS

VERTICAL ACTING FIRE DOOR SYSTEMS





Auto-Set® Model CFS | Sharon Steel School

MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
CFS-FT	Auto-Set® Concealed Power Operator	Fail-Safe Mechanical	N/A	Concealed Inboard Motor Operated Fire Shutter
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

S7000 SERIES

- Minimal stack area profile
- Conventional swinging egress doors
- Negotiates radius curves







S7000

S7000 Series

Side Sliding Fire Door with or without Egress

S7000 Series fire door systems are available in both manual or motor operated designs and with or without swinging 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® Bi-parting Model S7700** | UNL Love North Learning Commons

Product Features

Ratings

3-hour rated UL 10B*

Available with a temperature rise rating of 650°F over 30 minutes when required, single parting only

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

ADA compliant

Egress

Available with multiple fixed complying swinging egress doors when required

Operation

Auto-Set® automatic resetting for motor operated assemblies

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

Manual operation option available for assemblies up to 10'x10'

Size

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

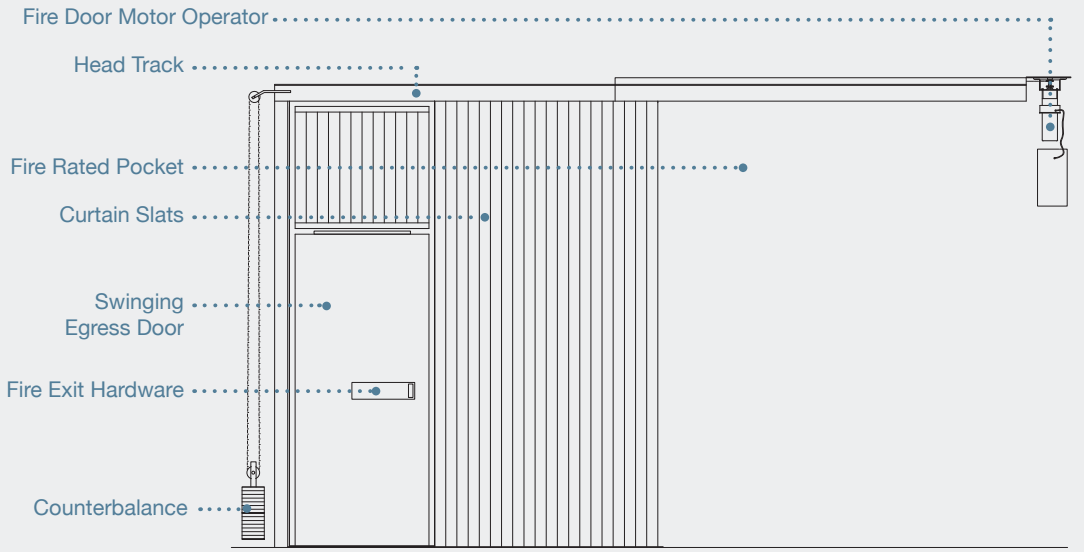
Negotiates radius curves: 3'-0" with egress doors; 1'-6" without egress doors

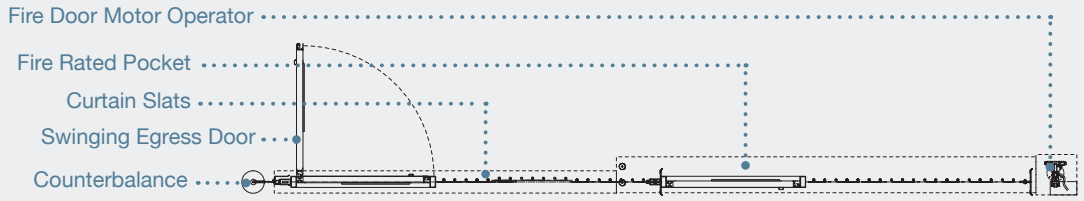
Finishes

McKEON® Sterling Gray
Powder Coat of any color as selected
Stainless Steel – No. 4 Polish or No. 8 Mirror

*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent Nos. 9,267,326.

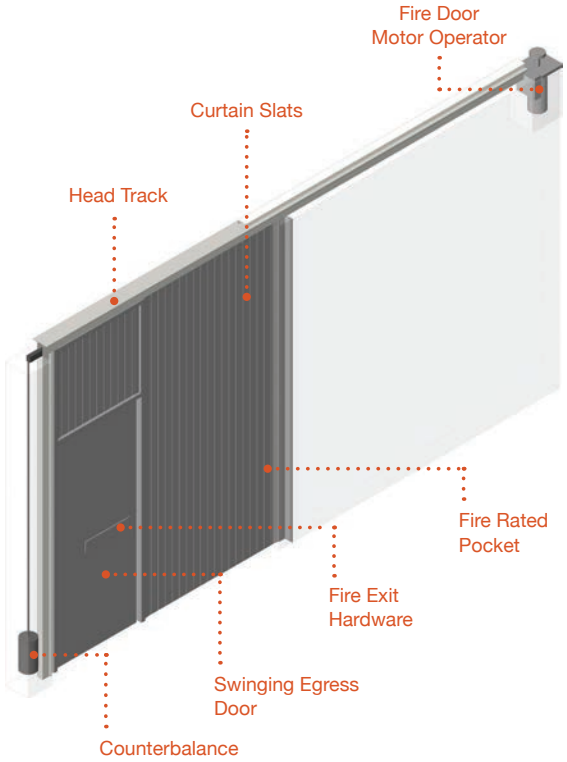
SIDE ACTING FIRE DOOR SYSTEMS





Note: Egress doors may swing in opposite directions.

Safescape® Model S7700 This unit does not stack, coil or compress within a storage pocket. The depth of the storage area must be equal to at least the width of the opening that the assembly protects. The advantage of this technology is that the profile of the pocket can be as narrow as 4 1/2".



S7000

SIDE ACTING FIRE DOOR SYSTEMS





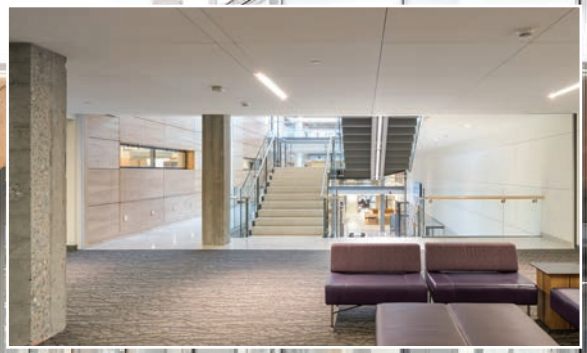
Safescape® Model S7904 | Aliante Casino + Hotel

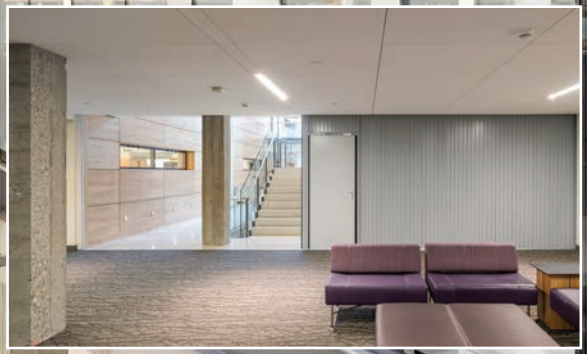
MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
S7200	Manual Push-open	Fail-Safe Mechanical	N/A	Side Sliding
S7400	Manual Push-open	Fail-Safe Mechanical	1 Complying Swing Door*	Side Sliding
S7500	Manual Push-open	Fail-Safe Mechanical	2 Complying Swing Doors*	Side Sliding
S7600	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Side Sliding
S7700	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door*	Side Sliding
S7900	Auto-Set® Power Operator	Fail-Safe Mechanical	Multiple Complying Swing Doors	Side Sliding

*Maximum swing door width is 48".

SAFESCAPE® S9000

- Small side-coil storage pockets
- One or two swinging egress doors
- No floor track required







S9000

Safescape® S9000 Series

Side Coiling Fire Door with Fixed Egress

The Safescape® S9000 Series fire door systems are side coiling smoke and fire rated assemblies with one or multiple integral swinging egress doors, a complying method of egress. The side coiling design makes these products ideal for openings in rated walls where headroom clearance is limited. The assemblies can easily navigate around tight curves and contoured openings.

◀ **Safescape® Model S9000** | University of Washington

Product Features

Ratings

3-hour rated UL 10B*

Available with a temperature rise rating of 650°F over 30 minutes when required, single parting only

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

ADA compliant

Egress

One or multiple complying integral swinging egress doors, when required

Operation

Auto-Set® automatic resetting

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

Size

Widths to 80' (160' bi-parting) and 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

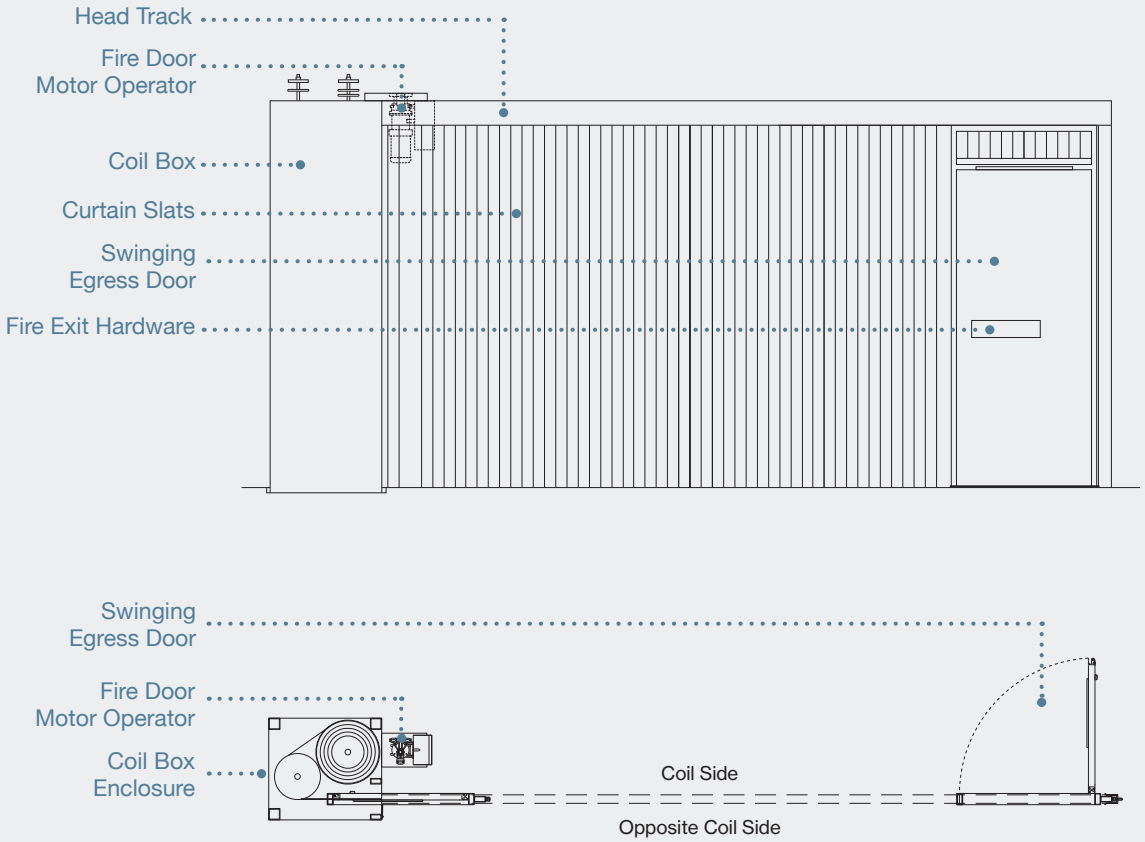
McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

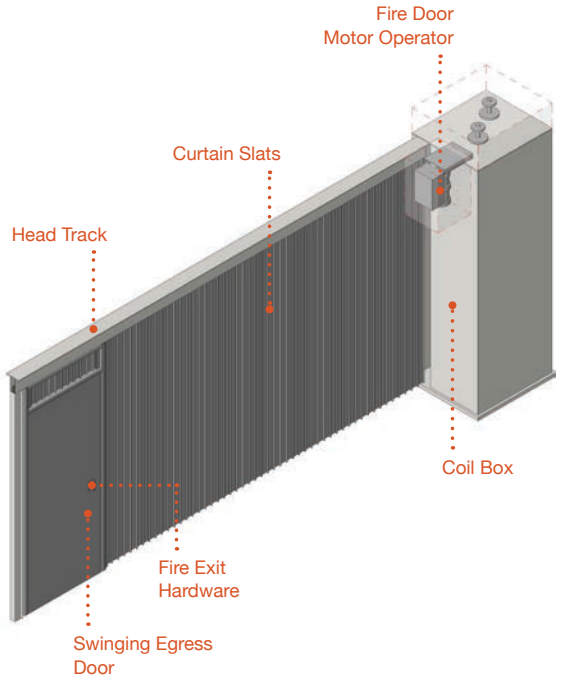
*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent Nos. 9,267, 326.

SIDE ACTING FIRE DOOR SYSTEMS



Note: Egress doors may swing in opposite directions.

Safescape® Model S9000 This wide-span opening can span extreme widths when deployed. When stored, it coils into a uniquely tight configuration requiring very little pocket space. Heights and widths are unlimited. The S9000 can accommodate one or multiple conventional swing doors positioned at the leading edge.



S9000

SIDE ACTING FIRE DOOR SYSTEMS



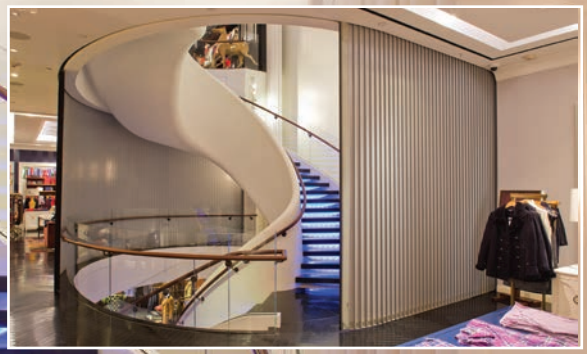


Safescape® Model S9000 | University of Washington

AUTO-SET® S4000

- Wide-span assemblies easily concealed
- Custom radius configurations
- Space-saving pocket storage







S4000

Auto-Set® Model S4000

Side Coiling Fire Door without Egress

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

Product Features

Ratings

3-hour rated UL 10B*

Available with a temperature rise rating of 650°F over 30 minutes when required, single parting only

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

ADA compliant

Operation

Auto-Set® automatic resetting

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

Size

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

Negotiates 1'-6" radius curves

Finishes

McKEON® Sterling Gray

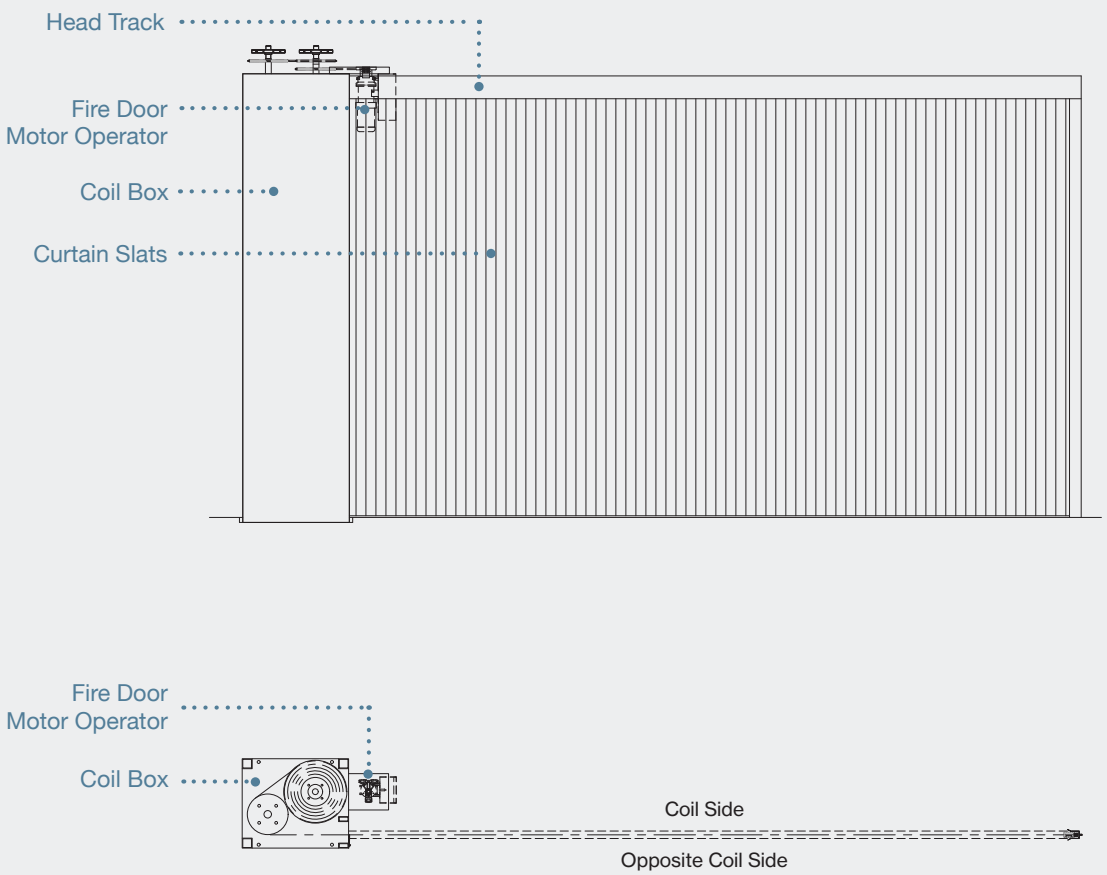
Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

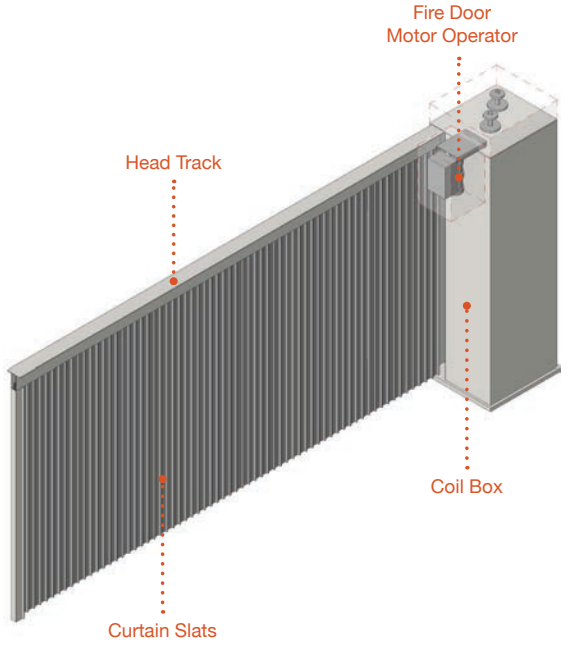
◀ **Auto-Set® Model S4000** | Tommy Hilfiger, NYC

*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent Nos. 9,267,326.

SIDE ACTING FIRE DOOR SYSTEMS



Auto-Set® Model S4000 A wide-span opening that can span extreme widths or heights when deployed. When stored, it coils into a uniquely tight configuration and requires very little pocket space. Heights and widths are unlimited. Because of the single track and slat configuration this door has the capability to turn a radius as tight as 18".



S4000

SIDE ACTING FIRE DOOR SYSTEMS



Auto-Set® Model S4000 | NC University State, Hunt Library



Auto-Set® Model S4000 | Bowie State University

MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
S9000	Auto-Set® Power Operator	Fail-Safe Mechanical	One Complying Swing Door	Side Coiling
S9500	Auto-Set® Power Operator	Fail-Safe Mechanical	One or Multiple Complying Swing Doors	Side Coiling
S4000	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Side Coiling

AC8000 SERIES

- Tightest accordion radius on the market
- Two panel size options
- Unique swinging egress door option







AC8000

AC8000 Series

Accordion Side Folding Fire Door with or without Egress

The 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.

◀ **Model AC8800CP** | Wilbur D. Mills High School

Product Features

Ratings

3-hour rated UL 10B*

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-1086

ADA compliant

Egress

Available with fixed complying swinging egress doors

Power assisted exit device (AC8800 only)

Operation

Auto-Set® automatic resetting

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

AC8800 is DC power operated with integrated backup system

Manual operation option available for assemblies up to 10'x10'

Size

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

Negotiate radius curves: 2'-0" without egress door; 3'-0" with egress door

Finishes

McKEON® Sterling Gray
Powder Coat any color as selected
Stainless Steel – No. 4 Polish or No. 8 Mirror

*Listed under the Canadian equivalent CAN/ULC S104

SIDE ACTING FIRE DOOR SYSTEMS









Safescape® Model AC8900 | Perez Art Museum Miami

AC8000

SIDE ACTING FIRE DOOR SYSTEMS

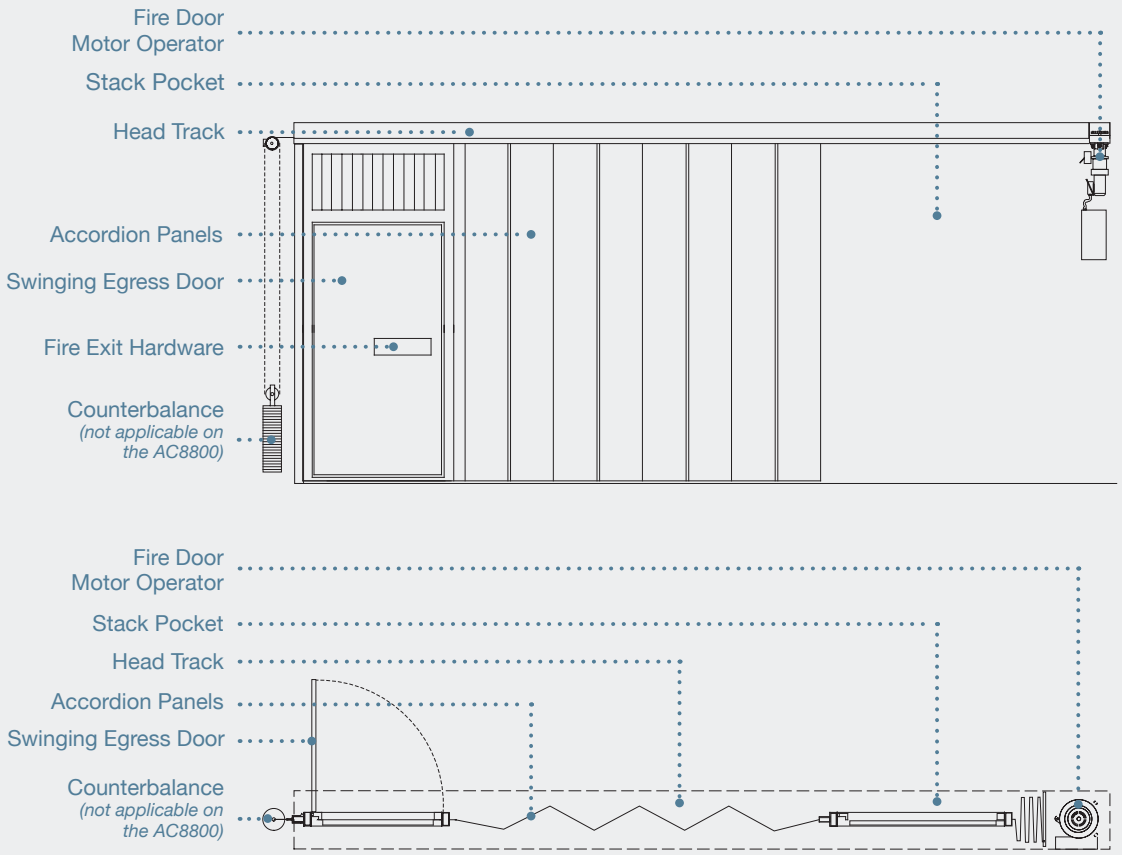




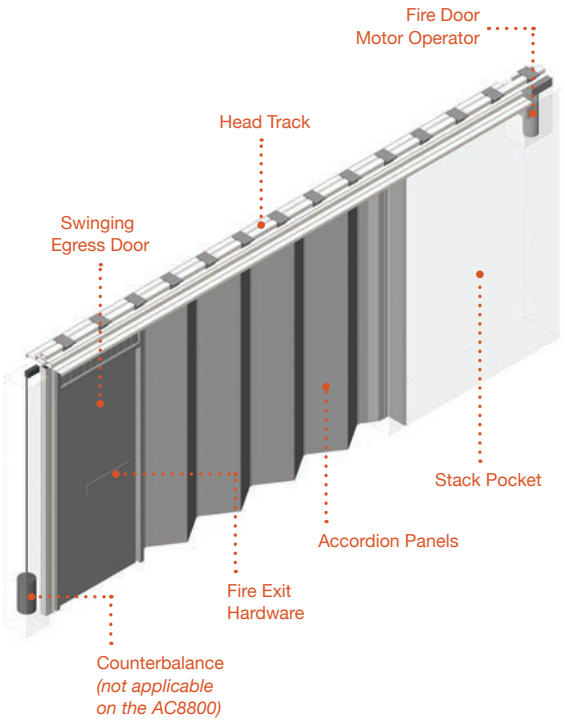


Model AC8707 | ThedaCare Orthopedics, Spine and Pain

SIDE ACTING FIRE DOOR SYSTEMS

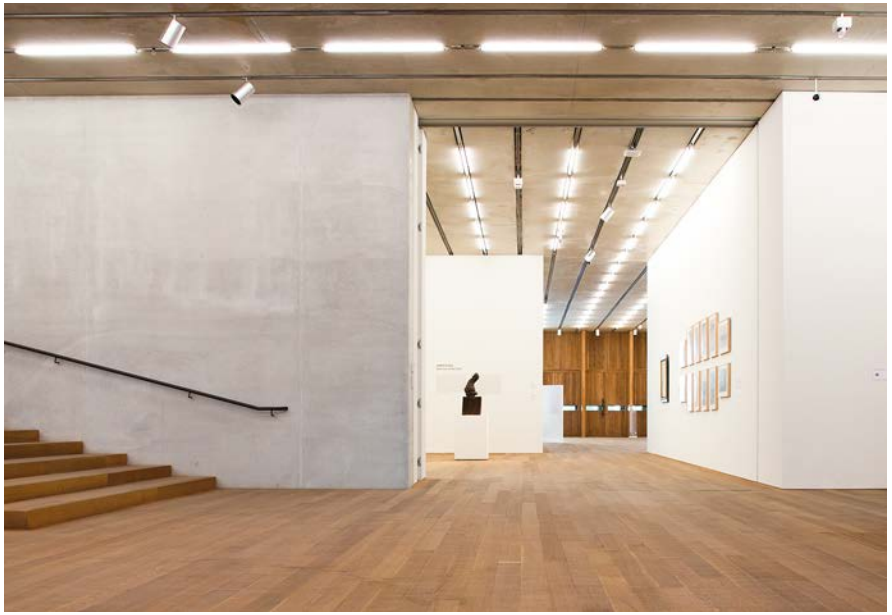


Auto-Set® Model AC8714 Featured below is only one of seven different models of the accordion fire door systems by McKEON®. The assemblies can be operated to open and close manually or motor driven. Egress options include conventional swing door egress, push-paddle power assisted egress or no egress.



AC8000

SIDE ACTING FIRE DOOR SYSTEMS





Model AC8800CP | Perez Art Museum Miami

MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
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 Complying Swing Doors	Accordion Sliding

*The motor drive unit for the AC8800CP is located above the header allowing for a more compact pocket depth.

AUTO-SET® H200

- Coiling on the horizontal plane
- Eliminate smoke-evac in atriums
- No vertical space code requirements







H200

Auto-Set®
H200 Series

Horizontal Fire Shutter

The automatic closing H200 Series horizontal fire shutters prevent the migration of heat, smoke or hot/toxic gases by creating vertical compartments thereby separating the vertical spaces from one another. Horizontal fire 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.

Product Features

Ratings

2-hour rated UL 10B*

Smoke & Draft labeled UL 1784

Code Compliance

CCRR-1086

Operation

Auto-Set® automatic resetting

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

Size

Widths to 30' and lengths to 90' (180' bi-parting); for larger sizes and custom configurations consult the factory

Finishes

McKEON® Sterling Gray

Powder Coat of any color as selected

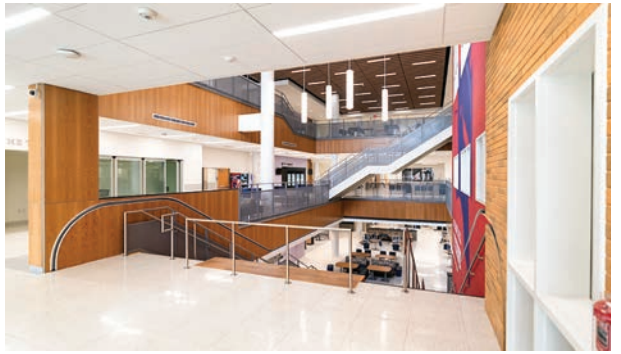
Stainless Steel – No. 4 Polish or No. 8 Mirror

◀ **Auto-Set® Model H200** | ThedaCare Orthopedics, Spine and Pain

*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent No. 9,267,326.

HORIZONTAL ACTING FIRE SHUTTER SYSTEMS









Auto-Set® Model HL250 | Minnie Howard Campus of Alexandria City High School

HL200

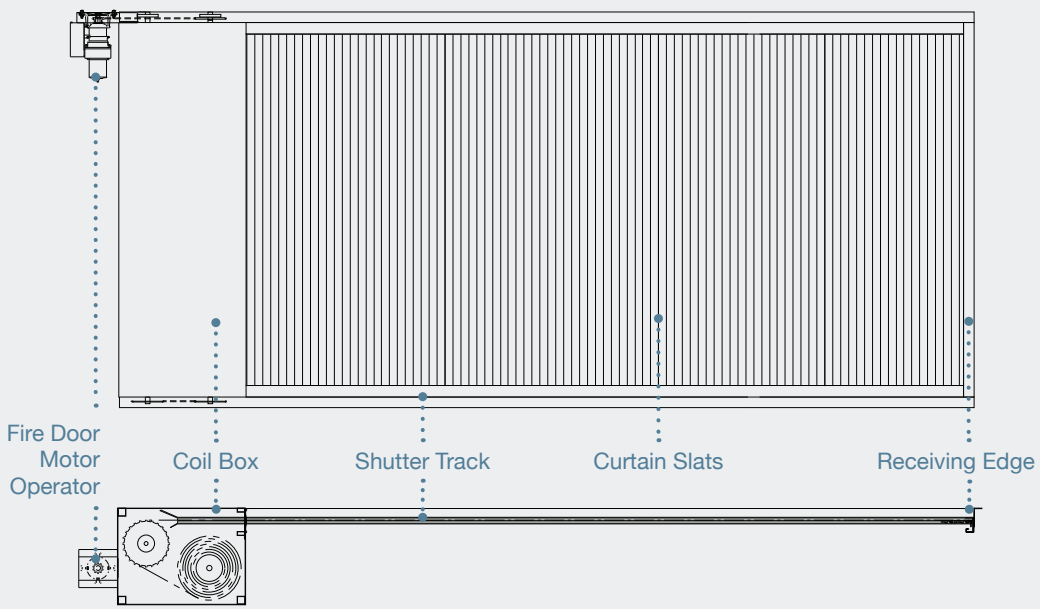
HORIZONTAL ACTING FIRE SHUTTER SYSTEMS



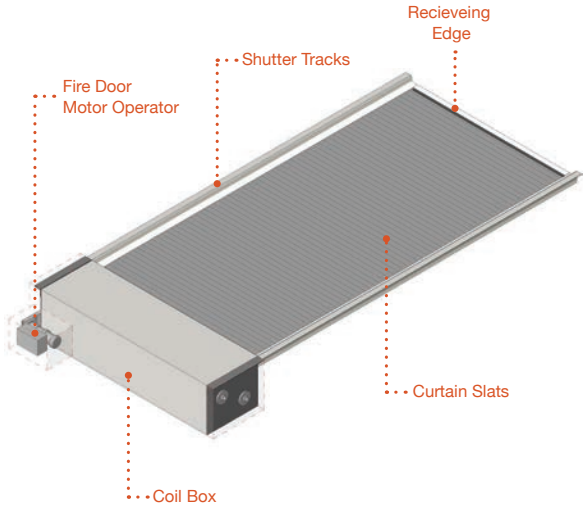


Auto-Set® Model H200 | Waukesha City Hall

HORIZONTAL ACTING FIRE SHUTTER SYSTEMS

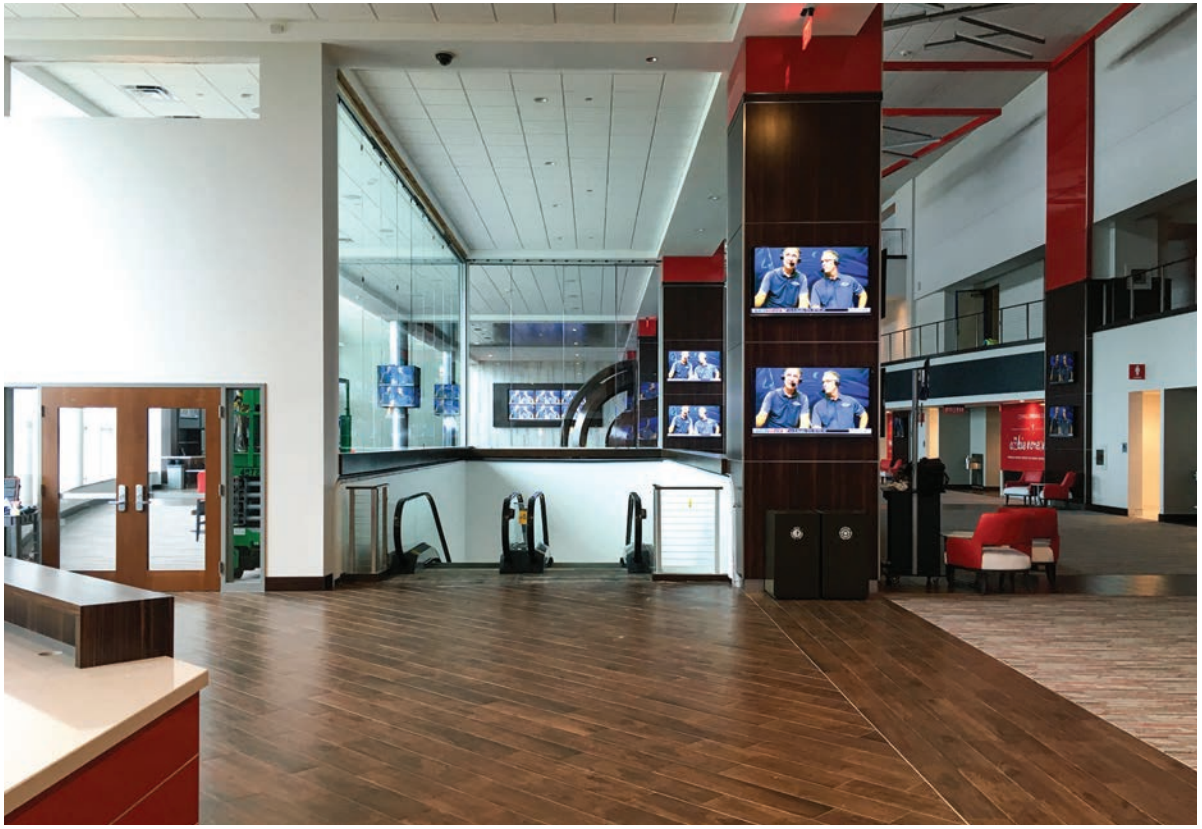


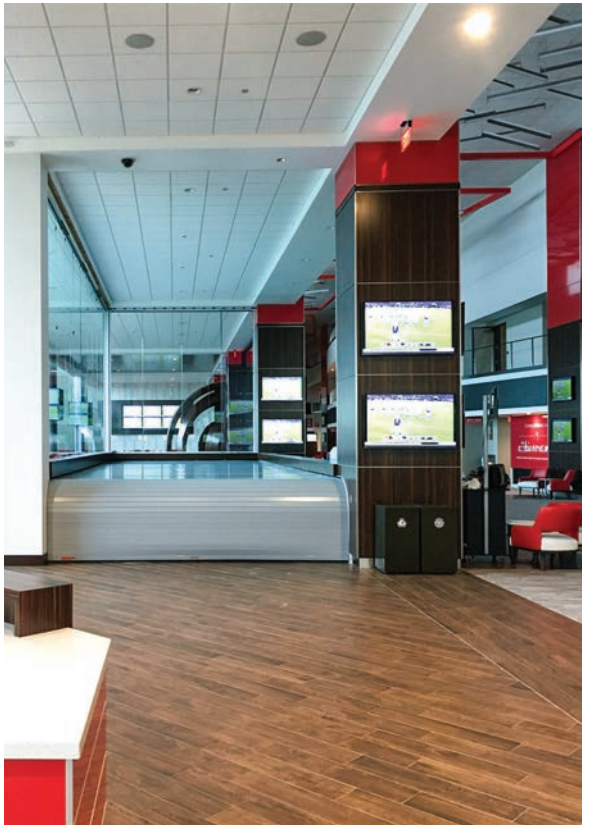
Auto-Set® Model H200 Unique and proprietary to McKEON®, the horizontally operated smoke and fire shutter will mitigate the transfer of heat and toxic fumes, and close automatically. Because it can bear a significant load, falling debris during a fire event is no challenge for the H200.



H200

HORIZONTAL ACTING FIRE SHUTTER SYSTEMS



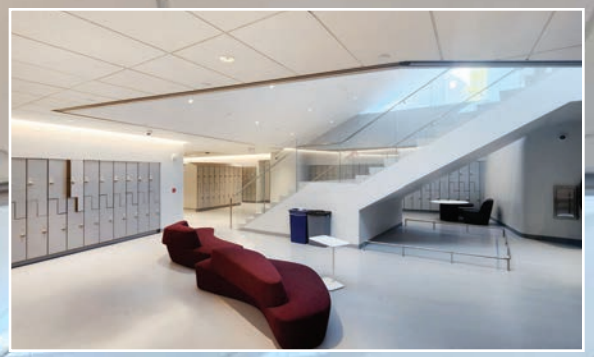


Auto-Set® Model HL250 | Raymond James Stadium

MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
H200	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Coiling on the Horizontal Plane
HL250 (Curved)	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Coiling on the Horizontal and Vertical Plane

SMOKEFIGHTER® D100

- Deployable draft curtain
- Redefine vertical spaces
- No side guides required





D100

SmokeFighter®
Model D100

Deployable Draft Curtain

The McKEON® SmokeFighter® Model 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® Model D100 exceeds the fire and life safety requirements for draft curtains in the building code.

Product Features

Ratings

Approved materials in compliance with draft curtain requirements

Code Compliance

NFPA 13 compliant

Egress

Not required

Operation

Auto-Set® automatic resetting

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

Size

Unlimited widths and heights to 48'

Finishes (metal components only)

McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

◀ **SmokeFighter® D100** | University NYC

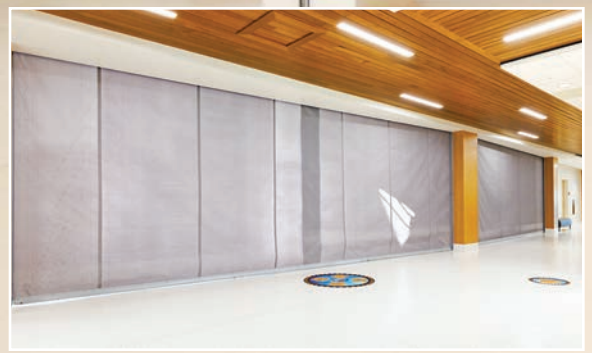
This technology is the subject of US Patent No. 10,145,174

SMOKEFIGHTER® D150

- When smoke-only separation is needed
- No egress required
- Redefine corridor walls







D150

SmokeFighter®
Model D150

Overhead Smoke Curtain without Egress

This technology provides a compliant solution where the model building codes prescribe smoke-only separation and egress is not required. The assembly is fixed in place with side guides and bottom bars so smoke is handily contained when the building goes into an alarm condition.

Within the International Building Code (IBC), smoke-rated corridor wall openings and their opening protectives are not limited in widths or heights. Therefore, the SmokeFighter products are excellent solutions for protecting wide-span openings in corridor walls.

Product Features

Ratings

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-0455

Vision panel optional when required

Operation

Auto-Set® automatic resetting

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

Size

Unlimited widths and heights to 48'

Finishes (metal components only)

McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

◀ SmokeFighter® D150 | Rapid City Health Center

This technology is the subject of US Patent No. 10,145,174

SMOKEFIGHTER® D150E

- When smoke-only separation is needed
- When egress is required
- Ideal for low occupant load applications







D150E

SmokeFighter®
Model D150E

Overhead Smoke Curtain with Egress

McKEON® offers a smoke and draft listed curtain assembly at the point of access to an elevator car with a patented egress feature that complies with the exiting requirements of the building codes with the exception of the 32/80 rule. The Model D150E incorporates a vision panel (smoke rated assemblies only) and has been tested without an artificial bottom seal.

As shown in the illustration on the opposite page, the egress feature does not allow for a minimum required exit width of 32 inches for the full height of 80 inches. Therefore, we recommend this egress feature be applied in low occupant load applications only.

Product Features

Ratings

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-0455

ASME A17.1 compliant vision panel when required

ADA compliant threshold

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 to self-close

Size

Widths to 60' and heights to 48'; for larger sizes and custom configurations consult the factory

Finishes (metal components only)

McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

◀ **SmokeFighter® D150E** | Nike The Grove

This technology is the subject of US Patent Nos. 9,440,100; 10,145,174; 10,569,112; and 10,864,394.

SMOKEFIGHTER® D500S

- When smoke-only separation is needed
- Full 360 degree configurations
- No mullions or corner posts







D500S

SmokeFighter®
Model D500S

Perimeter Smoke Curtain

McKEON® has added an advanced technology to its tested and proven SmokeFighter® Series ... vertical acting smoke protective curtains that form floor-to-ceiling enclosures without mullions or corner posts!

Unique configurations are no challenge. This UL1784 labeled smoke curtain technology creates its own corners and jambs, vertically acting without any cumbersome features. Its corner profile is unmatched in the industry! The system installs with ease, operates smoothly and simply, and conceals beautifully in the finished ceiling.

The Model D500S can reduce the volume of smoke in an atrium, protect a corridor, or mitigate smoke migration. Best of all, the technology provides required smoke separation without impact to the desired spacious appearance in any design.

◀ **SmokeFighter® D500S** | Rapid City Health Center

Product Features

Ratings

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

CCRR-0455

Operation

Auto-Set® automatic resetting

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

Size

Widths up to 300' and heights up to 24'

Finishes (metal components only)

McKEON® Sterling Gray

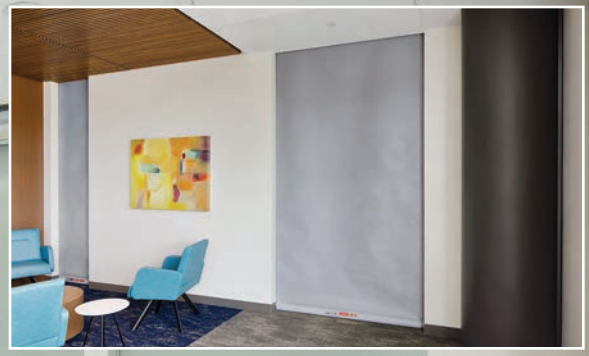
Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

This technology is the subject of US Patent Nos. 10,145,174 and 11,878,193; and has additional patents pending.

FIREFIGHTER® D200

- When fire & smoke protection are required
- Unlimited widths & heights
- Flexible & lightweight





D200

FireFighter® Model D200

Overhead Fire Curtain without Egress

The Model 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 up to 3 hours, and UL 1784 for smoke and draft. FireFighter® Model D200 is approved for use in multiple applications.

20-minute door assemblies may be unlimited in widths and heights in corridor walls that are constructed as Fire Partitions.

Product Features

Ratings

20-minute rated UL 10B & 10C without hose stream

Up to 3-hour rated UL 10D

UL 1784 tested and listed without an artificial bottom seal

Code Compliance

CCRR-0455

Operation

Auto-Set® automatic resetting

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

Size

Unlimited widths and heights to 48'

Finishes (metal components only)

McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

This technology is the subject of US Patent No. 10,145,174

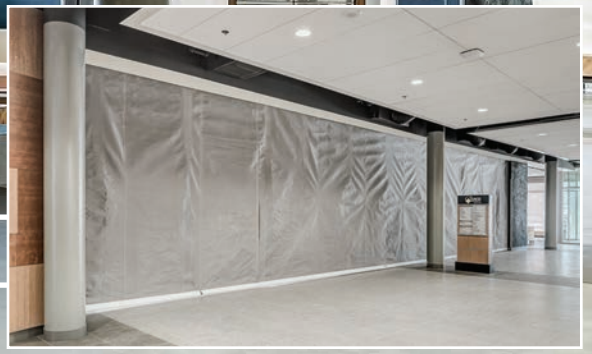
◀ **FireFighter® D200** | ThedaCare Orthopedics, Spine and Pain

FIREFIGHTER® D200E

- Exit from tight spaces
- Where low profile is important
- Complete protection with egress







D20E

FireFighter® D200E Series

Overhead Fire Curtain with Egress

The D200E Series offers a patented 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, up to 3-hour UL 10D rating, UL 1784 smoke and draft rating and integral conforming swinging egress door(s). “The First Responder” is truly a first – going beyond where others leave off!

This exiting feature complies with Chapter 10 of the IBC with the exception of the 32/80 rule. The egress feature does not allow for a minimum required exit width of 32 inches for the full height of 80 inches. Therefore, we recommend this egress feature be applied in low occupant load applications only.

◀ **FireFighter® D200E** | Bowie State University

Product Features

Ratings

20-minute rated UL 10B & 10C without hose stream

Up to 3-hour rated UL 10D

UL 1784 tested and listed without an artificial bottom seal

Code Compliance

CCRR-0455

ADA compliant threshold

Egress

Available with up to 8 complying swinging egress doors

Operation

Auto-Set® automatic resetting

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

Size

Widths to 60' and heights to 48'; for larger sizes and custom configurations consult the factory

Finishes (metal components only)

McKEON® Sterling Gray

Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

This technology is the subject of US Patent Nos. 9,440,100; 10,145,174; 10,569,112; and 10,864,394

FEMA & WIND RATED DOOR SYSTEMS

- Protect safe rooms & storm shelters
- FEMA 361 & ICC 500
- Deployable & dependable







SS500

SafeSpace™ 500 Series

FEMA Wind Rated Tornado and Hurricane Resistant Door

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 (4th Edition) and ICC 500 (2014 and 2020) Standards without sacrificing natural light and multi-purpose use. Utilizing McKEON®'s wide span engineering capabilities, this technology can protect multiple openings and is available from 4'-4" to 16'-4" wide and from 4'-0" to 22'-0" high so as not to restrict the size of windows and other openings.

◀ **SafeSpace™ 500** | Lincoln Elementary

Product Features

Ratings

Tornado Resistance: +252 / -252 PSF
Tornado Impact: 100 MPH 15 lbs.
Hurricane Resistance: +201 / -201 PSF
Hurricane Impact: 100 MPH 9 - 15 lbs.

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

Optional Fire & Smoke Rating. SafeSpace 500F and 500F-IS available with up to a 4-hour UL10B fire rating and UL1784 smoke rating when required*

Optional Thermal Protection: SafeSpace 500F-IS

Code Compliance

ICC 500 (2014 & 2020). ICC 500/NSSA Standard for the Design & Construction of Storm Shelters

FEMA 361 (4th Edition). FEMA Standard for the Design and Construction of Safe Rooms for Tornadoes and Hurricanes

CCRR-1086

Operation

Power motor operation

Size

Widths from 4'-4" to 16'-4"; heights from 4'-0" to 22'-0"; for larger sizes and custom configurations consult factory

Finishes

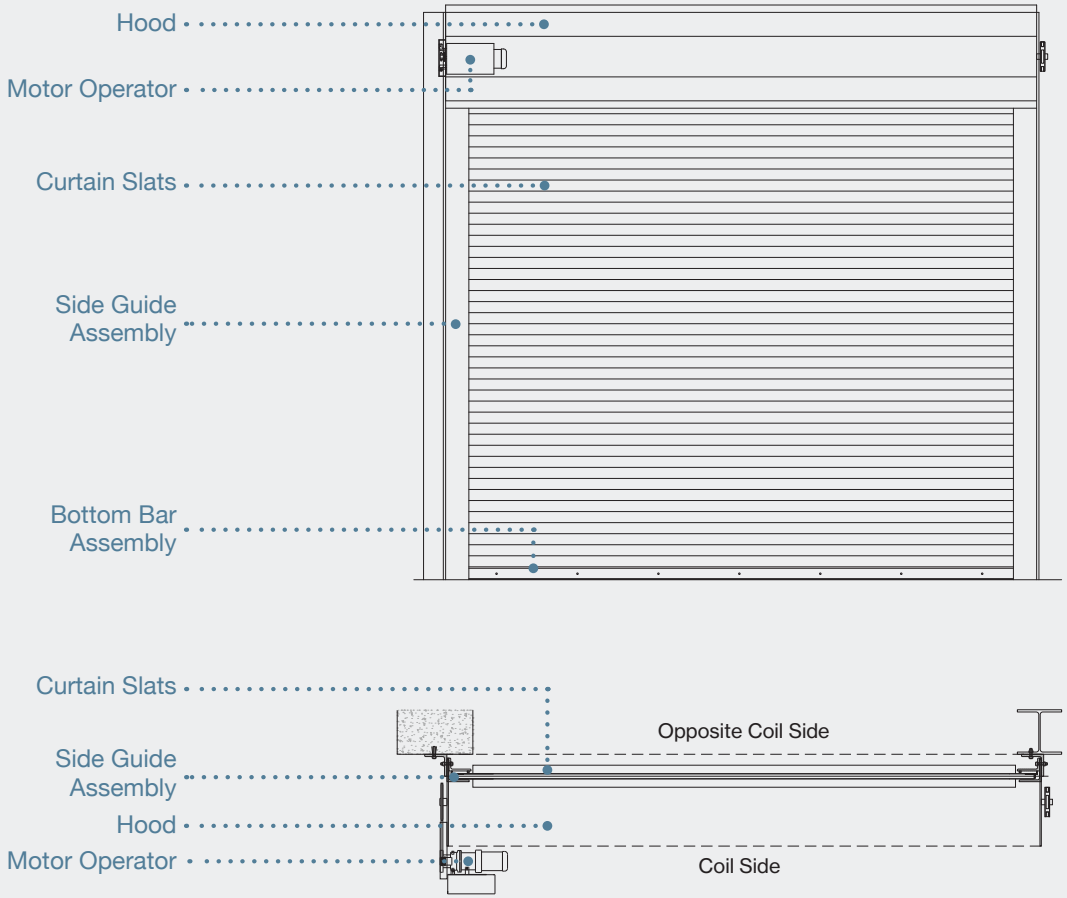
McKEON® sterling gray

Powder coat of color as selected

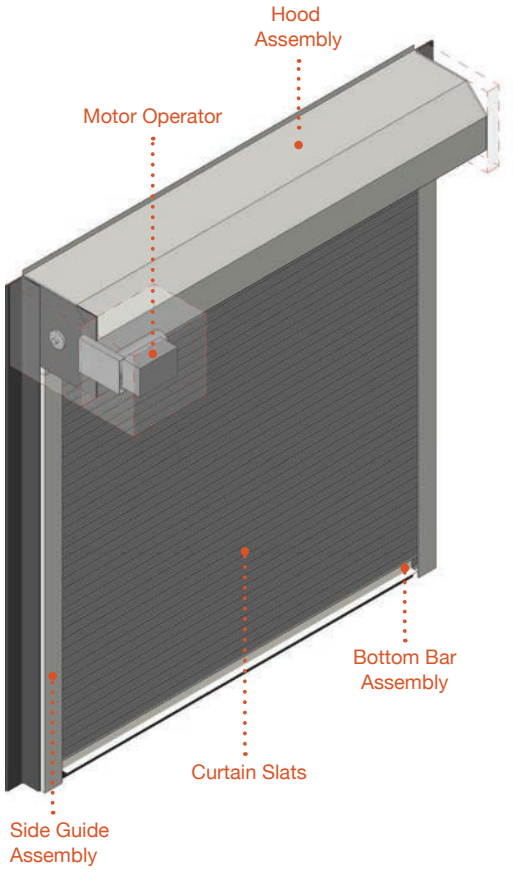
*Listed under the Canadian equivalent CAN/ULC S104

This technology is the subject of US Patent No. 8,453,707, 10,794,112 and 11,566,467 and 12,129,708; and has additional patents pending.

FEMA & WIND RATED DOOR SYSTEMS



SafeSpace™ 500 This technology is an extremely robust overhead coiling system that is in full compliance with the ICC500 Standard for storm shelters. The operating system is unique to McKEON® and offers the design team multiple functional options during an emergency.



SS500

FEMA & WIND RATED DOOR SYSTEMS







SafeSpace™ 500 | Valerie Hall Outdoor Education Center

SafeSpace™ 500X Series

FEMA Wind Rated Tornado and Hurricane Resistant Door

The SafeSpace™ 500X Series are constructed of a unique blend of light weight alloy slats, robust steel frame side guides and covered headbox. These motorized storm doors comply with the latest requirements of the ICC500 provisions for protecting large openings in tornado and hurricane shelters.

Because of proprietary engineering, these assemblies can serve multiple functions in structures where security and safety are critical – beyond the parameters of the storm shelter provisions. The SS500X Series can also function as a bullet and forced entry resistant barrier. The appropriate listings and ratings are shown in the Product Features box to the right.

Product Features

Ratings

Tornado Resistance: +252 / -252 PSF
Tornado Impact: 100 MPH 15 lbs.
Hurricane Resistance: +201 / -201 PSF
Hurricane Impact: 100 MPH 9 - 15 lbs.

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

ASTM F3038 Forced Entry: 60 minutes

UL 752 Ballistic: Level 1

Optional Thermal Protection: SafeSpace 500X-IS

Code Compliance

ICC 500 (2020). ICC 500/NSSA Standard for the Design & Construction of Storm Shelters

FEMA 361 (4th Edition). FEMA Standard for the Design and Construction of Safe Rooms for Tornadoes and Hurricanes

Operation

Power motor operation

Size

Widths from 2'-9" to 20'-3"; heights from 3'-6" to 22'-0"; for larger sizes and custom configurations consult factory

Finishes

McKEON® Sterling Gray

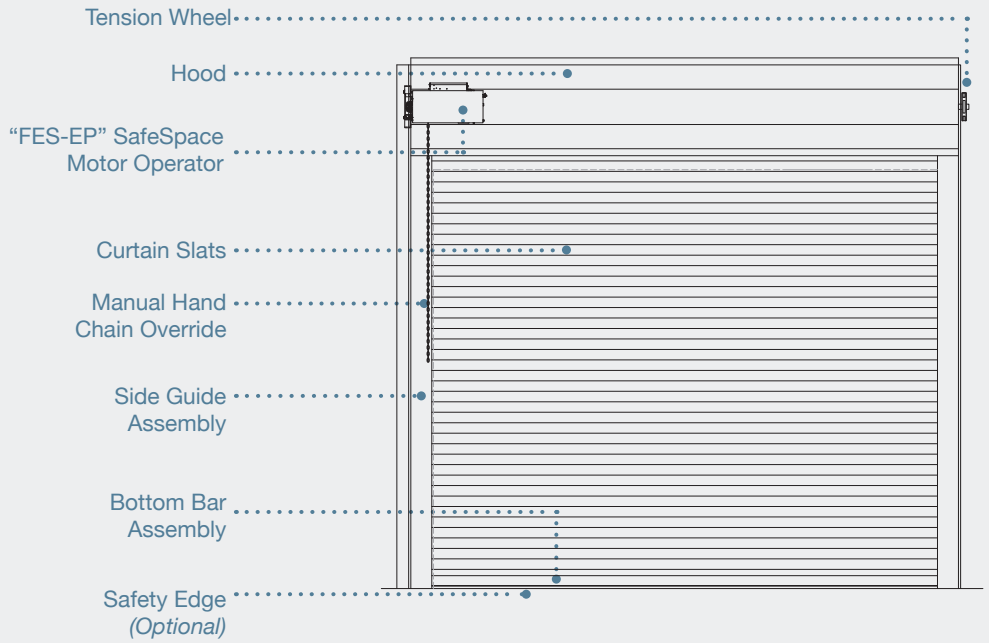
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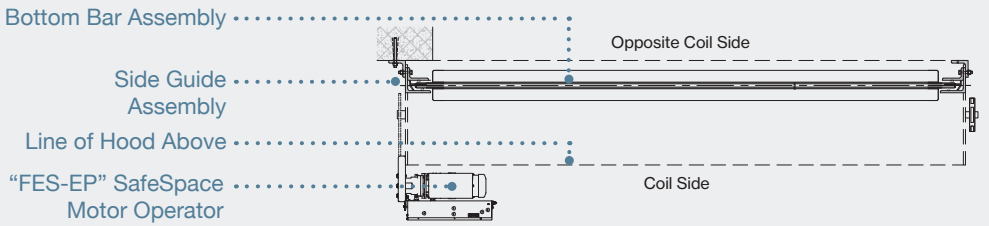
◀ SafeSpace™ 500X | Pressure Test

This technology is the subject of US Patent No. 8,453,707, 10,794,112, 11,566,467 and 12,129,708; and has additional patents pending.

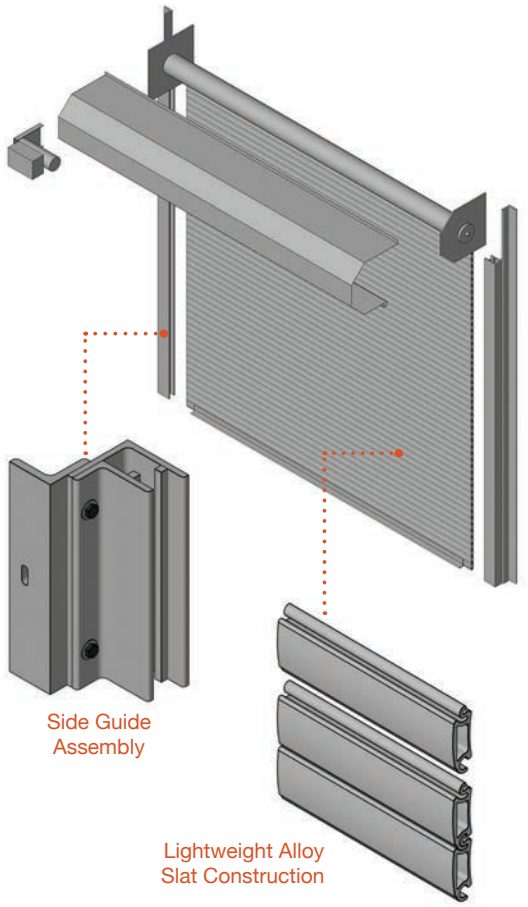
SS500X

FEMA & WIND RATED DOOR SYSTEMS





The SafeSpace™ 500X is completely redesigned – without the use of conventional slats. This new technology meets all the latest storm shelter provisions.



FEMA & WIND RATED DOOR SYSTEMS

The SafeSpace™ 500X FEMA storm door assembly is an excellent choice for the ultimate protection of small and large openings in storm and hurricane shelters. Because of the unique configuration of the EX slat this door also complies with forced entry and ballistic resistance requirements for wide-span opening protectives. Consult the adjacent table for more information.

	SafeSpace™ 500	SafeSpace™ 500F	SafeSpace™ 500X
ICC 500 (2014)	YES	YES	N/A
ICC 500 (2020)	YES	YES	YES
FIRE RATING	N/A	3 HOURS/UL10B	N/A
HURRICANE PSF	+201 / -201	+201 / -201	+201 / -201
TORNADO PSF	+252 / -252	+252 / -252	+252 / -252
HURRICANE IMPACT	15 LBS. @ 100 MPH	15 LBS. @ 100 MPH	15 LBS. @ 100 MPH
TORNADO IMPACT	15 LBS. @ 100 MPH	15 LBS. @ 100 MPH	15 LBS. @ 100 MPH
MINIMUM SIZE	4'-4" W x 4'-0" H	4'-4" W x 4'-0" H	2'-10" W x 3'-6" H
MAXIMUM SIZE	16'-4" W x 22'-0" H	16'-4" W x 22'-0" H	20'-3" W x 22'-0" H
SLAT CONSTRUCTION	STEEL	STEEL	LIGHT WEIGHT ALLOY
ASTM (Forced Entry Resistant)	N/A	N/A	1 HOUR
UL 752 (Bullet Resistant)	N/A	N/A	LEVEL 1

SS500X

Dynamic 110™

Operational Wind Load Overhead Coiling Door

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.

Product Features

Ratings

Operational wind load of 110 mph

Dynamic 110F available with up to a 3-hour UL10B fire rating and UL1784 smoke rating when required*

Optional thermal protection with an R value of up to 9.3

Code Compliance

CCRR-1086 applicable to Dynamic 110F

Operation

Power motor operation

Size

Widths to 30' and heights to 48'; for larger sizes and custom configurations consult the factory

Finishes

McKEON® Sterling Gray

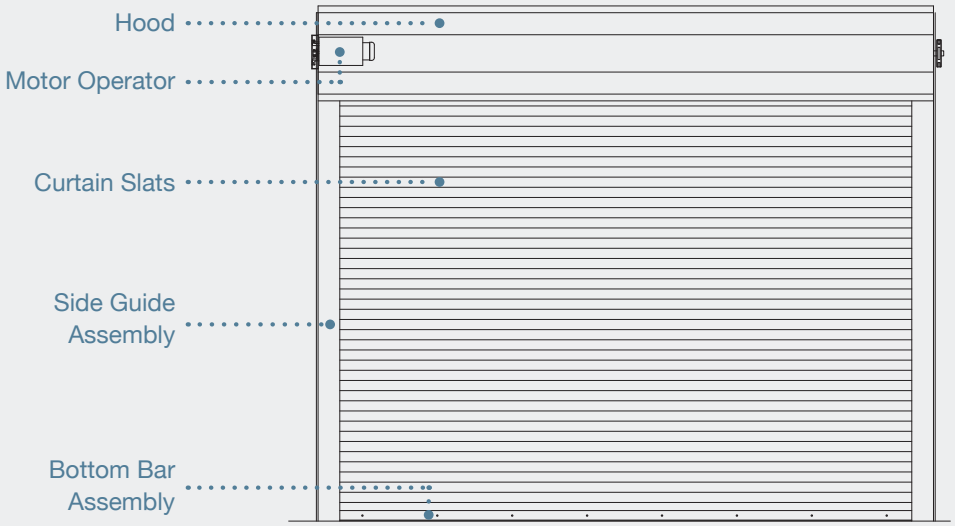
Powder Coat of any color as selected

Stainless Steel – No. 4 Polish or No. 8 Mirror

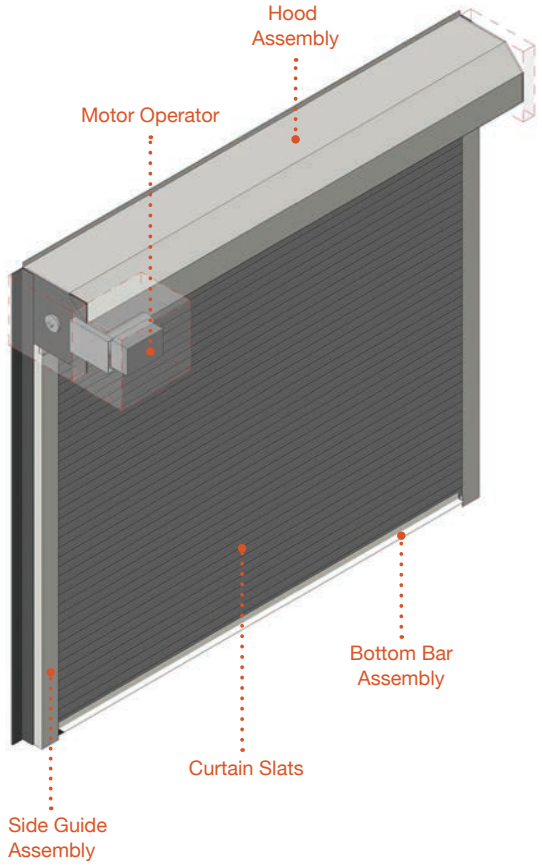
◀ **Dynamic 110™** | Nevada Army National Guard

*Listed under the Canadian equivalent CAN/ULC S104
This technology is the subject of US Patent Nos. 8,453,707 and 9,287,326.

FEMA & WIND RATED DOOR SYSTEMS



Dynamic 110™ The operational wind load is achieved with patented technology and a heavy-duty, dependable operating system. This is a door that can be used in a harsh environment.



110

FEMA & WIND RATED DOOR SYSTEMS





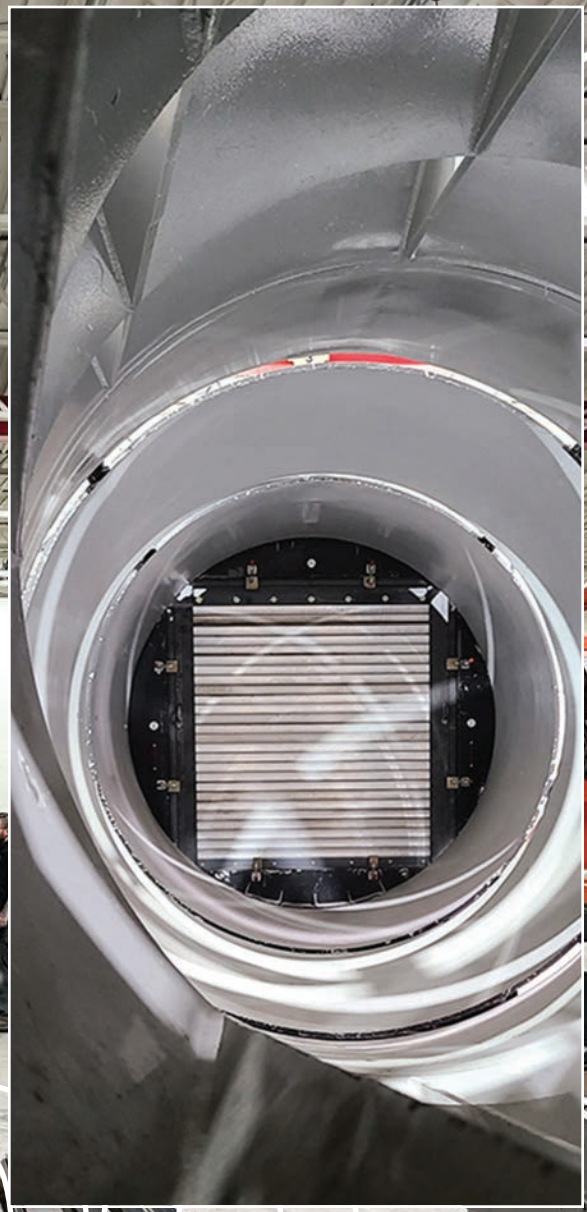


Dynamic 110™ | Nevada Army National Guard

MODEL	OPEN/CLOSE	FUNCTION
SafeSpace™ Model 500	Power Operator	Vertical coiling door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction
SafeSpace™ Model 500-IS	Power Operator	Vertical coiling insulated door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction
SafeSpace™ Model 500F	Power Operator	3-hour fire rated vertical coiling door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction
SafeSpace™ Model 500F-IS	Power Operator	3-hour fire rated vertical coiling insulated door for use in tornado and hurricane safe rooms and storm shelters. Steel slat construction
SafeSpace™ Model 500X	Power Operated	Vertical coiling door for use in tornado and hurricane safe rooms and storm shelters. Lightweight alloy slat construction
SafeSpace™ Model 500X-IS	Power Operated	Vertical coiling insulated door for use in tornado and hurricane safe rooms and storm shelters. Lightweight alloy slat construction
Dynamic 110™	Power Operator	Vertical coiling door – Certified to an operational wind load of 110 mph for use in extreme wind force conditions
Dynamic 110-IS™	Power Operator	Vertical coiling insulated door – Certified to an operational wind load of 110 mph for use in extreme wind force conditions
Dynamic 110F™	Power Operator	3-hour fire rated vertical coiling door – Certified to an operational wind load of 110 mph for use in extreme wind force conditions
Dynamic 110F-IS™	Power Operator	3-hour fire rated vertical coiling insulated door – Certified to an operational wind load of 110 mph for use in extreme wind force conditions

BLASTSHIELD® BL6000

- Tested by Intertek to ASTM F2927-21
- Unique ZX curtain slat configuration
- Unsurpassed by any other rolling door



BL6000

BlastShield® Model BL6000

Blast Resistant Overhead Coiling Door

The McKEON® BlastShield® Model BL6000 blast resistant door passed all the requirements of the ASTM F2927-21 shock tube test and achieved extremely high results for the industry.

- ASTM Damage Level Category I - Peak Reflected Pressure 6 psi
- ASTM Damage Level Category II - Peak Reflected Pressure 12 psi

The BlastShield® BL6000 blast resistant door can be specified for use in many different applications such as educational facilities, chemical and processing facilities, pharmaceutical plants, manufacturing environments, automotive assembly plants, hazardous storage facilities, data centers, DOD, DOE and DOJ facilities, and research facilities.

◀ **BlastShield® Model BL6000** | Intertek Laboratory

Product Features

Certifications

ASTM F2927-21

UL 752, 11th Edition for ballistic, Level 1

Operation

Power motor operation

Size

Sizes based on desired Damage Level Category, Peak Reflected Pressure and project design requirements. Consult factory for maximum sizes

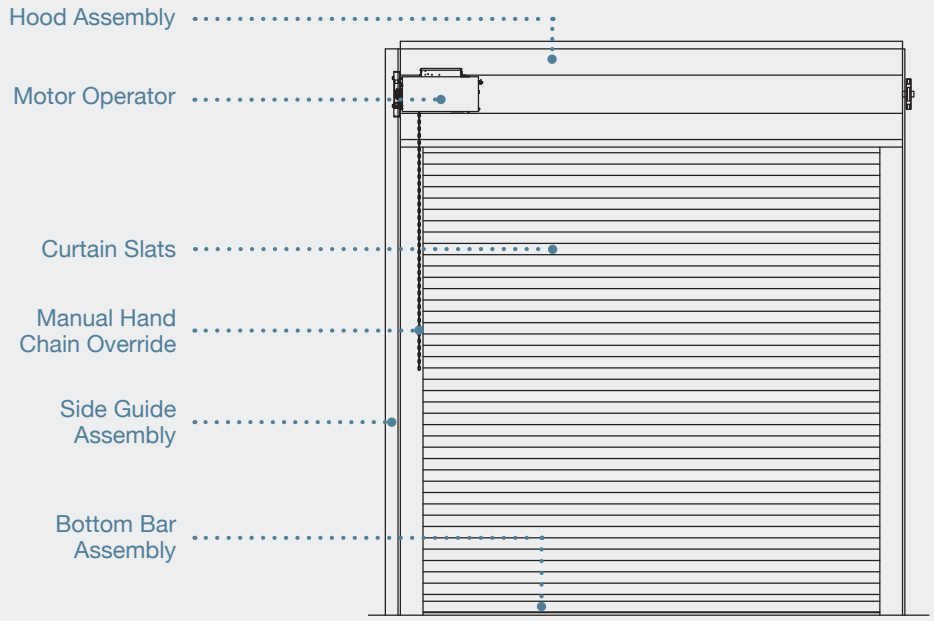
Finishes

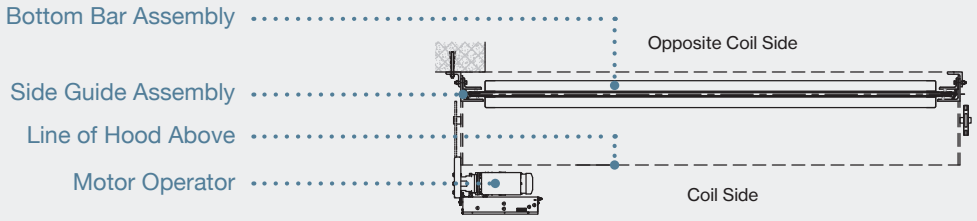
Dusky Charcoal

Powder Coat of any color as selected

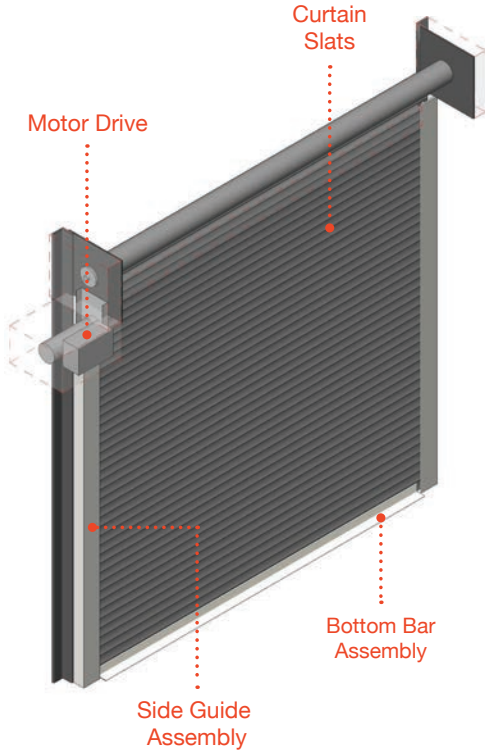
This technology is the subject of US Patent No. 12,129,708.

BLAST, BALLISTIC & SECURITY DOOR SYSTEMS





BlastShield® Model BL6000 The actual size of these assemblies is determined based on the desired damage level category specific to the project design requirements. Constructed to withstand Peak Reflected Pressures up to 12 PSI, and tested to ASTM F2927-21 criteria, this specialized product achieved extremely high marks in the industry.



BL6000

BLAST, BALLISTIC & SECURITY DOOR SYSTEMS





BlastShield® Model BL6000 | Gelest Manufacturing



BULLETSHIELD® SERIES

- BT1000 – Level 1 Ballistics
- HG3000 – Level 3 Ballistics
- RF8000 – Level 8 Ballistics

BulletSheild®

BulletShield® Series

Bullet Resistant Rolling Door Assemblies

The McKEON® BulletShield® Models BT1000, HG3000 & RF8000 have been tested, certified and listed in accordance with UL 752 as bullet-resistant rolling door assemblies.

BT1000

- Achieved a Level 1 ballistic designation providing protection from all caliber handguns up to 9mm.

HG3000

- Achieved a UL-HG-C (Level 3) ballistic designation providing protection from large bore, large caliber handguns up to .44 magnum.

RF8000

- Achieved a UL-RF-H (Level 8) ballistic designation providing protection from high-powered rifles up to AK-47 and M14.

Product Features

Certifications

UL 752, for ballistic designations:

McKEON® Model	Ballistic Designation	UL 752 Edition
BT1000	Level 1	11th
HG3000	UL-HG-C (Level 3)	12th
RF8000	UL-RF-H (Level 8)	12th

Certified and listed to ASTM F3038 for 60 minutes

Operation

Motor Operated System

Size

Widths to 23' and heights to 18'; for larger sizes and custom configurations consult factory

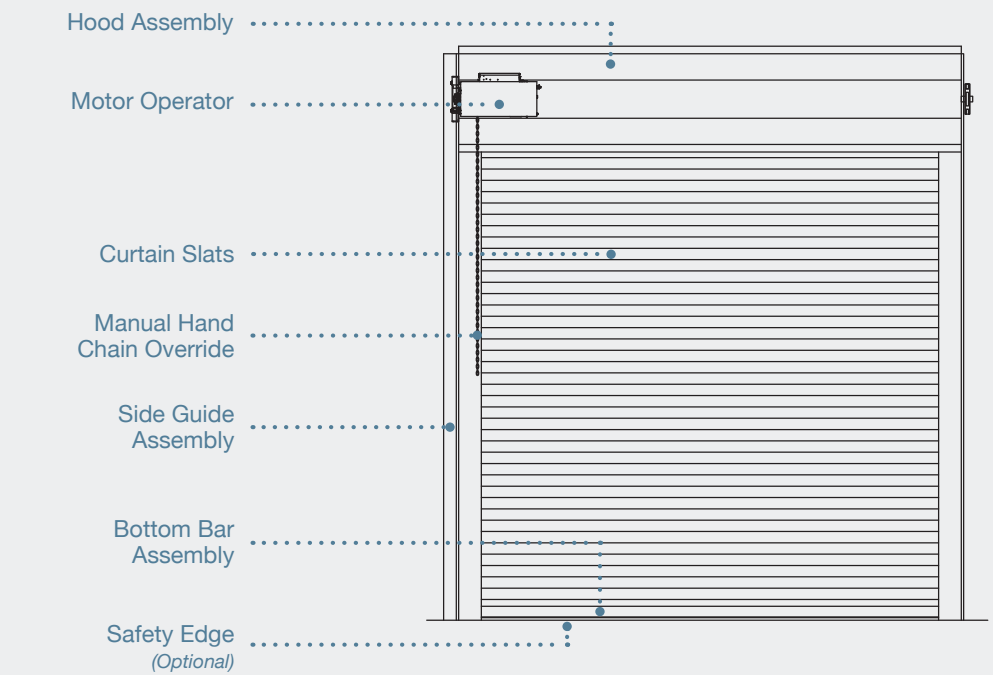
Finishes

McKEON® Sterling Gray

Powder Coat of any color as selected

This technology is the subject of US Patent No. 12,129,708 and has additional patents pending.

BLAST, BALLISTIC & SECURITY DOOR SYSTEMS



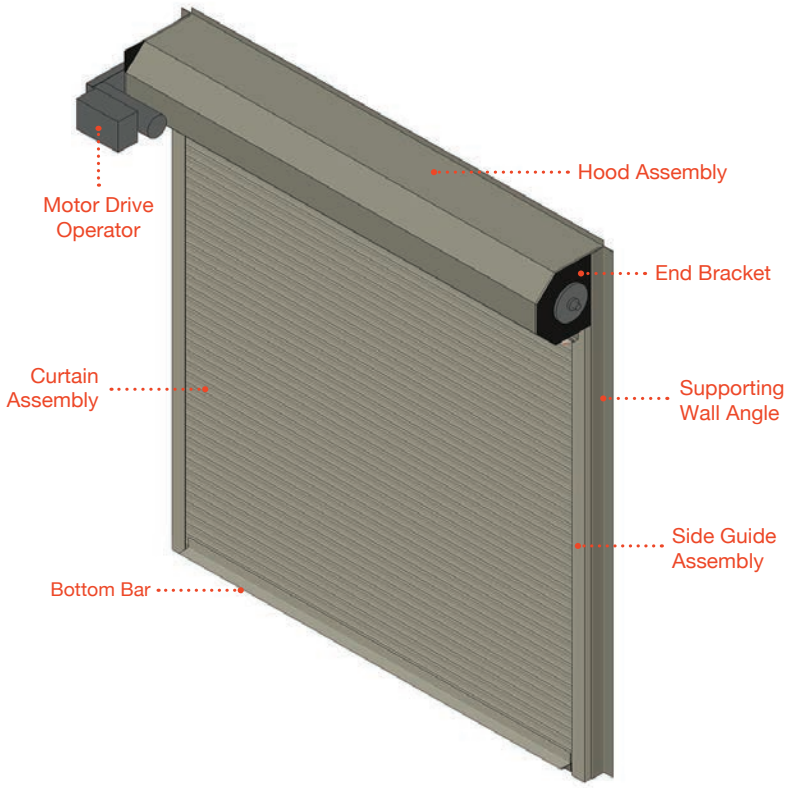


BulletSheild®

BLAST, BALLISTIC & SECURITY DOOR SYSTEMS

Security requirements are increasingly requiring bullet-resistant doors. The BulletShield® BT1000 is listed with a Level 1 ballistic designation providing protection often required in gas stations, transactions spaces, retail/convenience stores, and pharmacies. The BulletShield® HG3000 is listed with a UL-HG-C (Level 3) ballistic designation providing protection for high-risk and high occupancy public buildings including schools, banks and government facilities. The BulletShield® RF8000 is listed with a UL-RF-H (Level 8) ballistic designation providing protection for extremely high-risk applications such as high-security commercial and residential, critical infrastructure, military and government facilities.

BulletShield® Series



BulletShield® Model BT1000 This model easily functions as a high cycle rolling door assembly with a Level 1 ballistic rating. Tested, certifiedn and listed, it is always ready to protect its assigned space.

ENTRYSHIELD® FE6000

- Passed all requirements of ASTM F3038
- Protects multiple or larger openings
- Can be closed manually or remotely







FE6000

EntryShield® Model FE6000

Forced Entry Resistant Overhead Coiling Door

The McKEON® EntryShield® Model FE6000 forced entry resistant door passed all the requirements of the ASTM F3038, Standard Test Method for Timed Evaluation of Forced-Entry-Resistant Systems.

- Laboratory tested, certified and listed for compliance with ASTM F3038 for 60 minutes
- Largest successfully tested overhead coiling door in the industry
- During an emergency the overhead coiling assembly can be motor-closed with a manual push-button, or closed remotely by an automatic closing actuating device

The following are four broad categories of buildings requiring safeguards against forced entry to protect occupants and property:

- Hospitality
- Commercial / Retail
- Educational
- Government

◀ **EntryShield® Model FE6000** | Intertek Laboratory

Product Features

Certifications

ASTM F3038 for 60 minutes

Operation

Thermal protection with an R Value up to 8.0

Size

Up to 30'-0 in width and 22'-0" in height

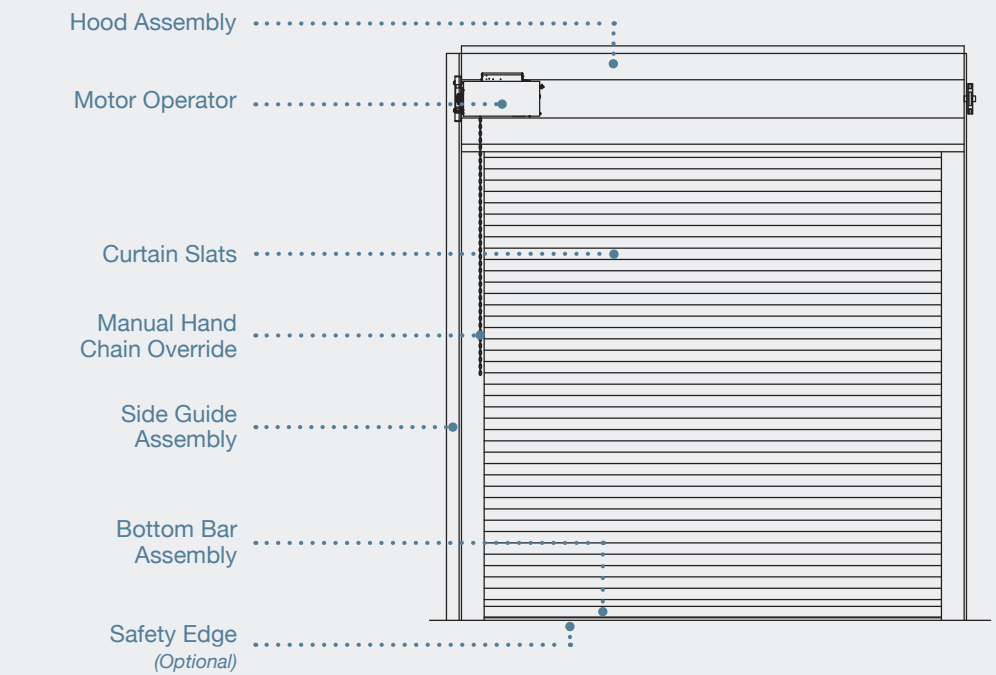
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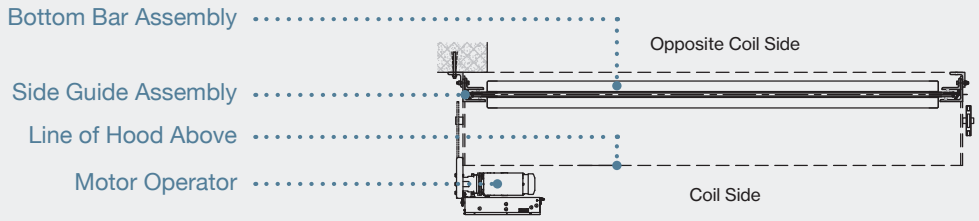
McKEON® Sterling Gray

Powder Coat of any color as selected

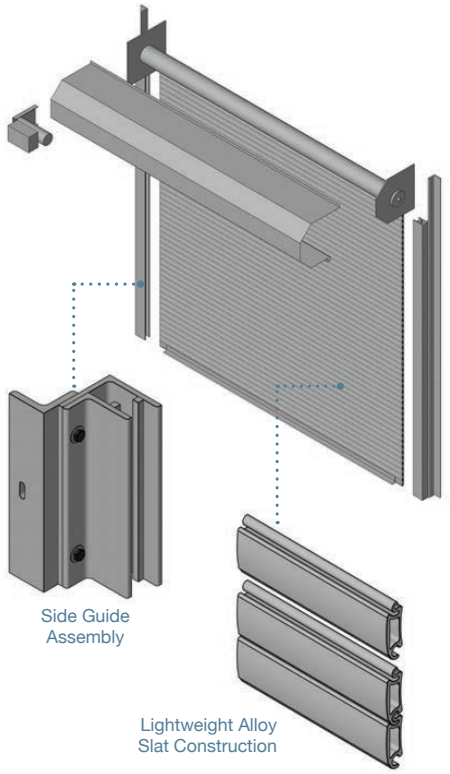
This technology is the subject of US Patent No. 12,129,708.

BLAST, BALLISTIC & SECURITY DOOR SYSTEMS





EntryShield® Model FE6000 A vertical rolling door assembly is the perfect configuration for resisting forced entry. The door descends from a securely mounted barrel assembly along a significantly sized side-guide vertical raceway. The bottom of the door is reinforced with heavy steel. Together with the robust, inter-connected slat configuration large openings are guaranteed to be protected from intruders.



FE6000

BLAST, BALLISTIC & SECURITY DOOR SYSTEMS





MODEL	OPEN/CLOSE	FUNCTION
BL6000	Motor Operation	Blast Resistant Overhead Coiling Door
BT1000	Motor Operation	Vertical Acting Bullet-Resistant Door
HG3000	Motor Operation	Vertical Acting Bullet-Resistant Door
RF8000	Motor Operation	Vertical Acting Bullet-Resistant Door
FE6000	Motor Operation	Forced Entry Resistant Overhead Coiling Door



AIRSHIELD® AL3014

- Cilmate Control
- Air Infiltration & Exfiltration
- Tested, listed, labeled to ANSI/DASMA 105

AL3014

AirShield®
Model AL3014

Vertical Coiling Serivce Doors - Air Leakage Rated

The McKEON® AirShield® Model AL3014 is a revolutionary product designed to improve energy efficiency by complying with the IECC and other similar energy codes and standards. When insulated, the extruded aluminum slats also provide superior thermal and sound transmission performance making it the perfect choice for climate control and overall ambiance of the space.

The 2024 International Energy Conservation Code (IECC), and previous editions, require rolling door assemblies to be tested and labeled for a maximum air leakage of 1.00 cfm/ft² when tested in accordance with ANSI/DASMA 105 or ASTM E283 at 1.57psf.

AIR LEAKAGE is defined by the IECC as: The uncontrolled airflow through the building thermal envelope caused by pressure differences across the building thermal envelope. Air leakage can be inward (infiltration) or outward (exfiltration) through the building thermal envelope.

◀ **AirShield® Model AL3014** | National Army National Guard

Product Features

Ratings

Listed & labeled - less than 1.00 cfm/ft² for infiltration and exfiltration

Operation

Thermal protection with an R Value up to 8.0

Code Compliance

2024 IECC: International Energy Conservation Code

Max Widths

- 27'-0" wide for Clear Anodized finish
- 38'-6" wide for Powder Coat finish
- Up tp 48'-0" high

**Consult the factory for larger sizes & custom configurations*

Finishes

- Clear Anodized
- Powder Coat of any color as selected

This technology has patents pending.

- 16, 18, 20 or 22 gauge slats
- Optional insulated & sound rating
- Custom-fit to any scenario







Service & Security Doors

McKEON® 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® galvanized standard sterling gray, custom powder coat of color as selected, stainless steel No. 4 polish or No. 8 mirror finish, anodized or powder-coat aluminum. Service doors can be oriented to any custom-fit scenario – vertical coiling, side acting, side coiling or horizontal coiling.



Model PF3000 | Macy's Summerlin



Model PF3000 | Seattle Public Library



Model SC3000PF | Montgomery Spa

◀ **ClimateGuard™ IS3000** | Nevada Army National Guard







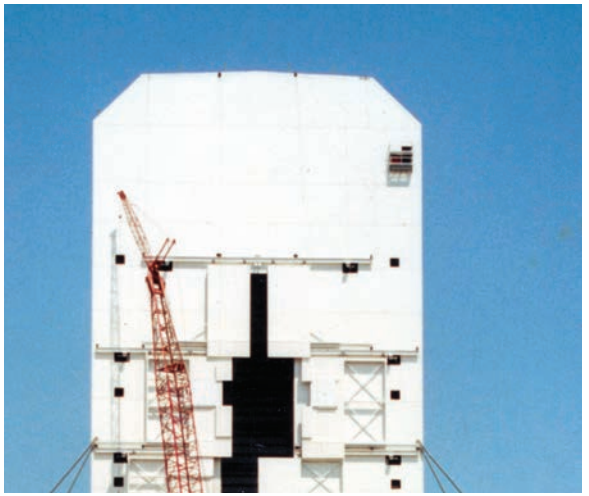
CS3000 Series | The Deck, Las Vegas

NON-FIRE RATED DOOR SYSTEMS





Model SD3000E | Northwood Middle School



HS100 Series | NASA Vertical Assembly Building

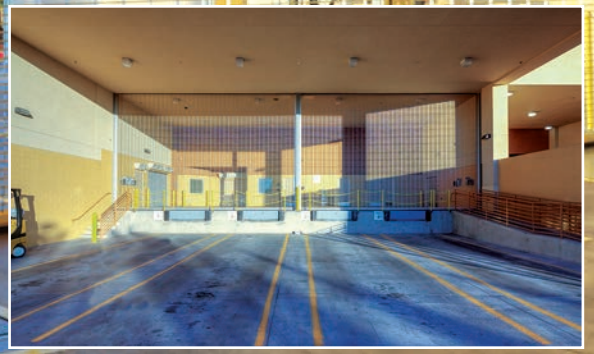
MODEL	OPEN/CLOSE	FUNCTION
PF1000	Power Operator	Vertical coiling, perforated, self-opening security door
PF3000	Power or Manual* Operator	Vertical coiling perforated security door
SD3000	Power or Manual* Operator	Vertical coiling service door
CS3000	Power or Manual* Operator	Vertical coiling service counter shutter
IS3000	Power or Manual* Operator	Vertical coiling insulated service door – insulated for sound & temperature abatement; self-opening available
HS100	Power Operator	Horizontal coiling service door
HSL 150 (Curved)	Power Operator	Horizontal and vertical coiling service door with curve

*Manual operation is limited by size, consult the factory.

- A variety of patterns & finishes
- Self-opening or fixed egress
- Custom designed to fit your needs







Security Grilles

McKEON® grille assemblies are custom-designed to meet your specific needs. There are more than six curtain patterns and anodized finishes to chose 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® G1000 | Piedmont High School

◀ **Safescape® Model SG3000 | Aliante Casino + Hotel**

NON-FIRE RATED DOOR SYSTEMS



SG3000 | Aliante Casino + Hotel





SG3000 | University of Wisconsin – Milwaukee Student Union

NON-FIRE RATED DOOR SYSTEMS



Safescape® Model G4500 | Mills High School





SC3000G | University of Oregon Student Union Building

NON-FIRE RATED DOOR SYSTEMS



SG3000 | Piedmont High School



SG3000 | Liberty High School

MODEL	OPEN/CLOSE	EGRESS	FUNCTION
SG3000	Power or Manual* Operator	N/A	Vertical coiling security grille
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 swinging egress door(s)
SC3000G	Power Operator	N/A	Side coiling security grille
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 swinging egress door(s)

*Manual operation is limited by size, consult the factory.

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

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