



McKEON



Auto-Set® **Safescape®** **SmokeFighter®** **FireFighter®** **SafeSpace™** **ClimateGuard™**

Product Catalog

Performance & Code Compliance

All McKEON rated assemblies carry Underwriter's Laboratory (UL), Intertek (ITS) or Factory Mutual (FM) listings for both fire and smoke, currently confirmed and published under Intertek Code Compliance Research Report. Each fire door and fire shutter 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 and shutter 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. 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 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.



Intertek



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SAFESCAPE® T2000

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



T2000

Safescape® T2000 Series

Vertical Coiling with Deployable Egress

The Safescape® T2000 is a vertical coiling fire and smoke rated door system that 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 fire and smoke.

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

Smoke & Draft labeled UL 1784

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

Unlimited heights and widths to 60'; 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. 7,490,654

≡ VERTICAL ACTING FIRE DOOR SYSTEMS

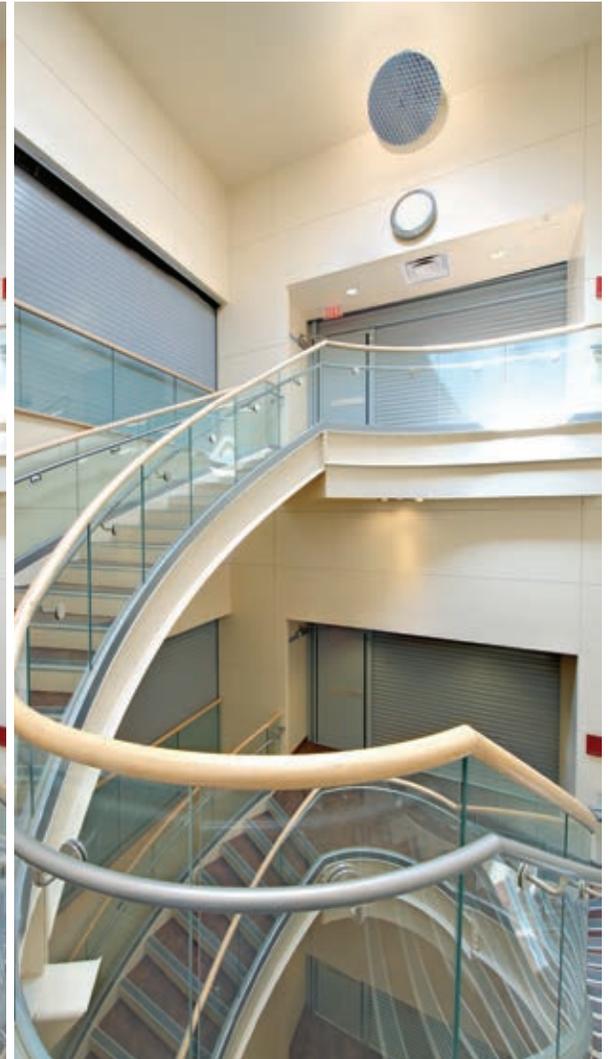


Safescape® Model T2500 | Hazelwood West Middle School

≡ VERTICAL ACTING FIRE DOOR SYSTEMS

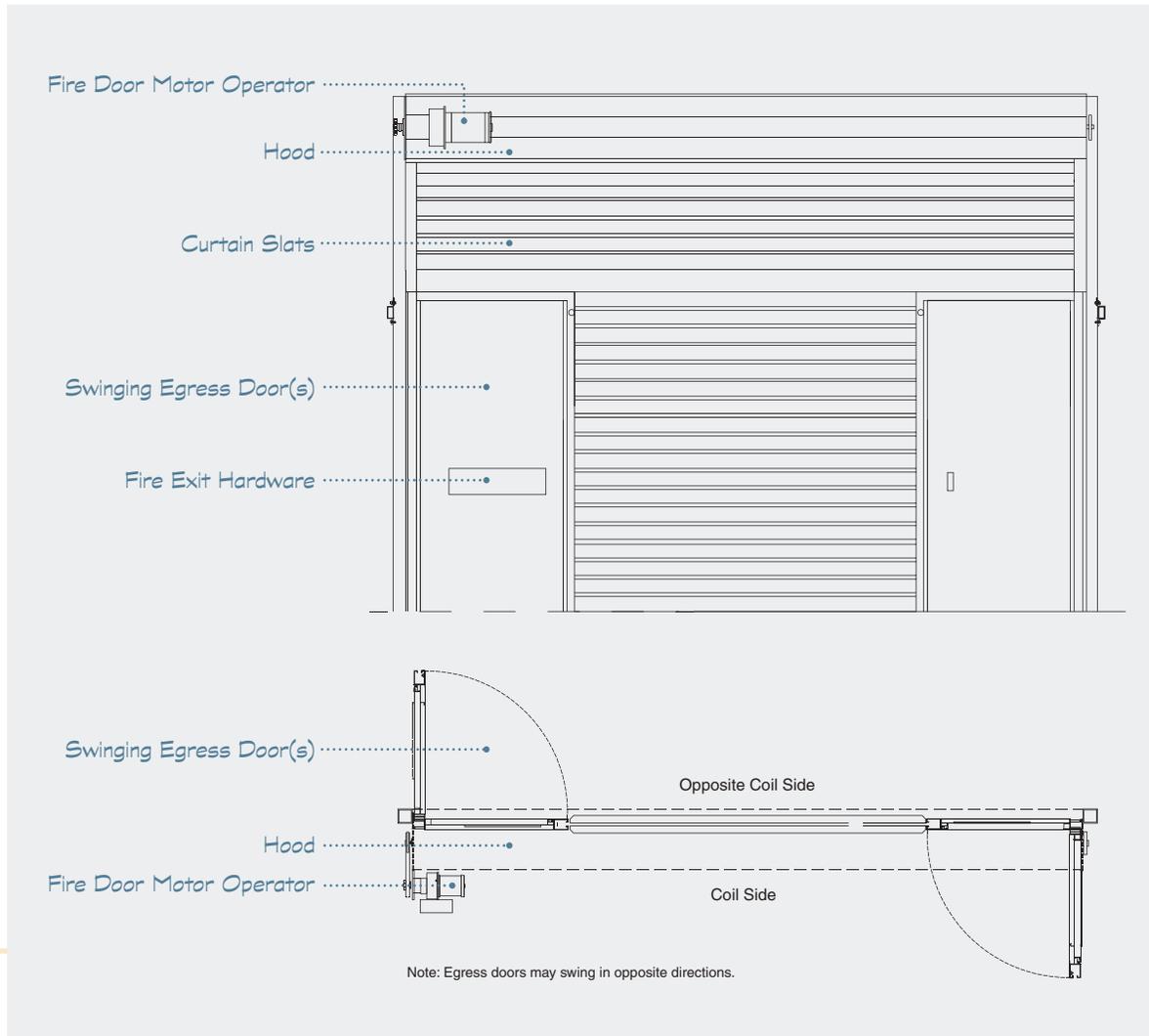


Safescape® Model T2500 | Marco Island Marriott



Safescape® Model T2000 | University of Nevada Las Vegas

VERTICAL ACTING FIRE DOOR SYSTEMS



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.

≡ VERTICAL ACTING FIRE DOOR SYSTEMS



Safescape® Model T2000 | Hazelwood West Middle School

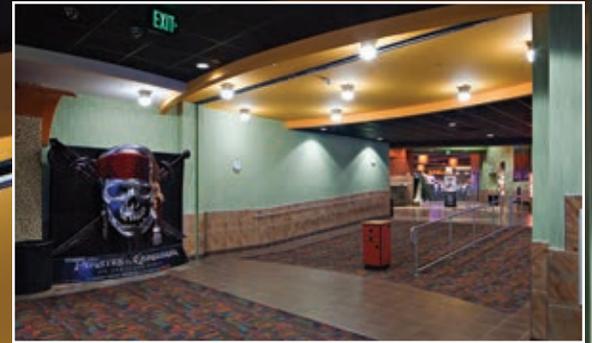
MODEL	OPEN	SELF-CLOSE	EGRESS
T2000	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door ¹
T2500	Auto-Set® Power Operator	Fail-Safe Mechanical	2 Complying Swing Doors ¹

¹ Maximum swing door width is 48".

EXIT

SAFESCAPE® T5000

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



15000

Safescape® T5000 Series

Vertical Coiling with Fixed Egress

The Safescape® T5000 fire and smoke rated door assembly is 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.

◀ Safescape® Model T5006 | Aliante Casino + Hotel

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

Smoke & Draft labeled UL 1784

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

Unlimited heights and widths to 80'; 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



Safescape® Model T5007 | Planet Hollywood Resort & Casino

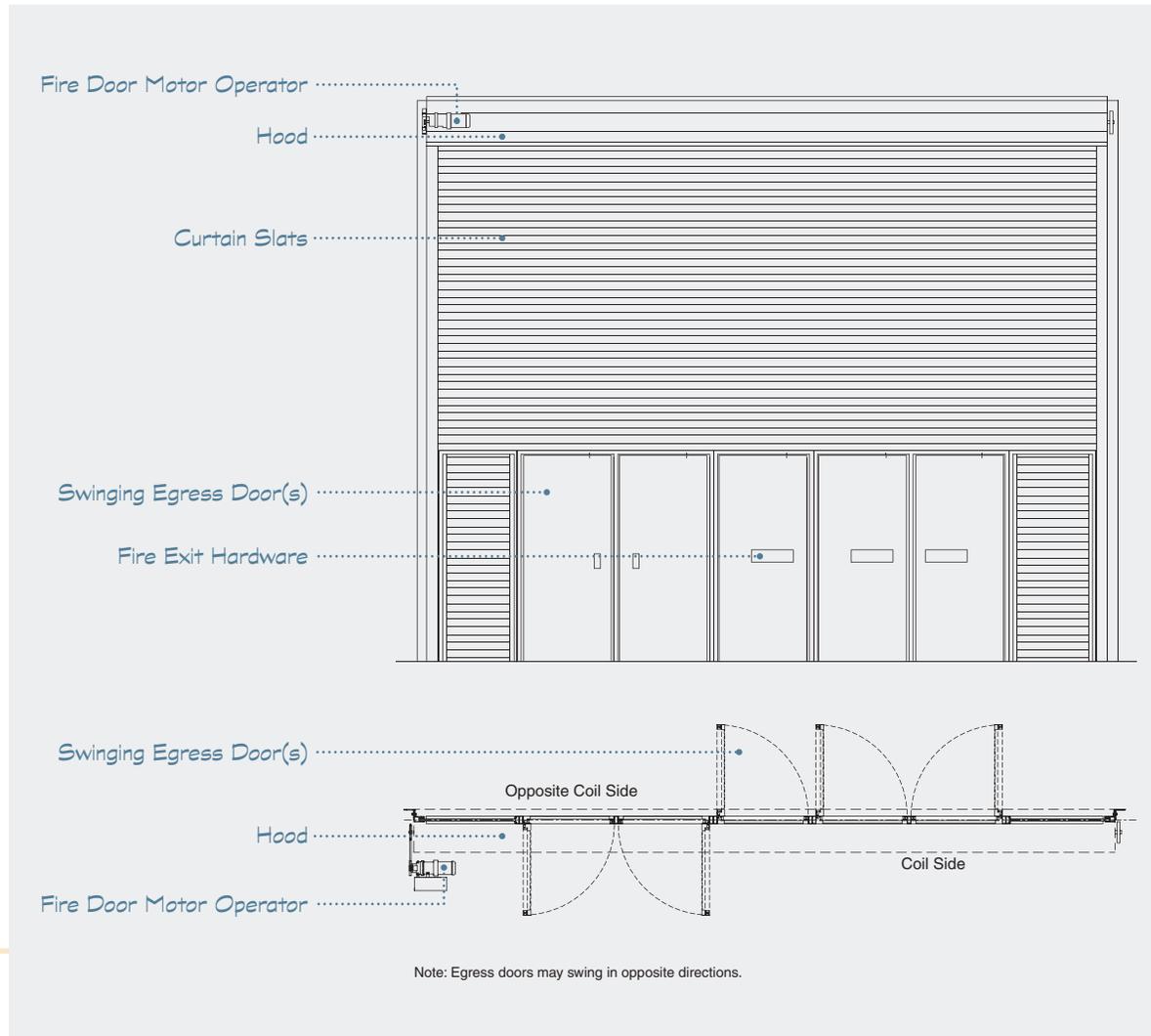
Safescape® Model T5001 | UMC of Southern Nevada

≡ VERTICAL ACTING FIRE DOOR SYSTEMS



Safescape® Model T5002 | Perez Art Museum Miami

VERTICAL ACTING FIRE DOOR SYSTEMS



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 high occupancy environment.

≡ VERTICAL ACTING FIRE DOOR SYSTEMS



Safescape® Model T5004 | Vose Elementary School

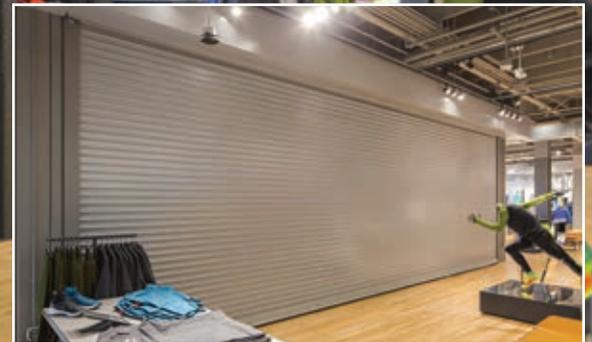
MODEL	OPEN	SELF-CLOSE	EGRESS
T5001	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door ²
T5002-T5018¹	Auto-Set® Power Operator	Fail-Safe Mechanical	2 to 18 Complying Swing Doors ²

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'



Auto-Set[®] FSFD Series

Vertical Coiling without Egress

The McKEON Auto-Set[®] Model FSFD is recommended in situations where fire and smoke protection is required but emergency 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 dry wall 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*

FSFD-TR (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

Unlimited heights and widths to 80'; 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 | Hazelwood West Middle School

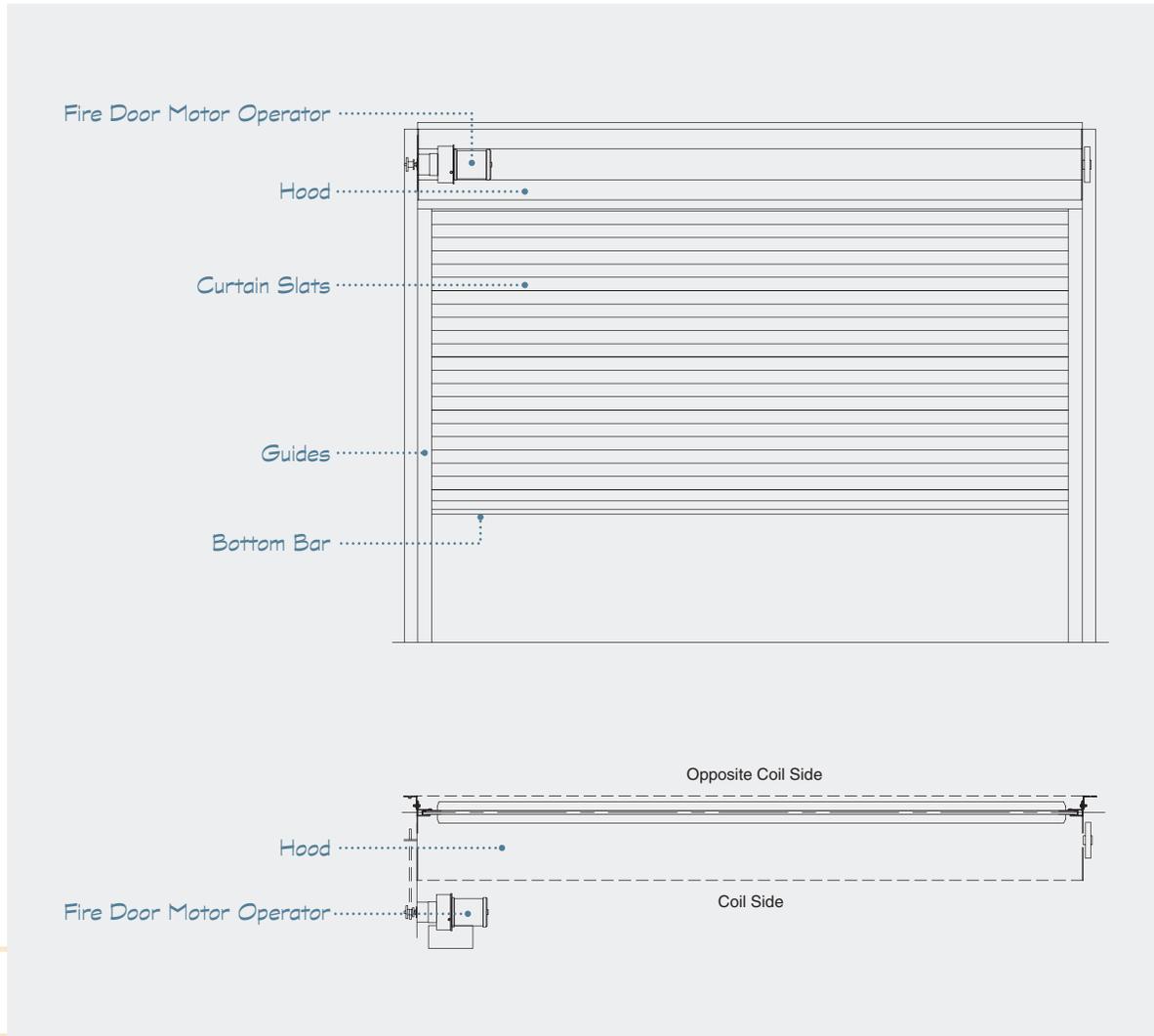
For occupant safety and convenience, the FSFD is available with optional fire rated vision panels.

≡ VERTICAL ACTING FIRE DOOR SYSTEMS



Auto-Set® Model FSFD-STC | First Baptist Church Dallas

VERTICAL ACTING FIRE DOOR SYSTEMS



Auto-Set® Model F5FD-IS | Palms Casino Resort

≡ VERTICAL ACTING FIRE DOOR SYSTEMS



Auto-Set® Model FSFD-TR | RadioShack

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

Vertical Coiling Counter Fire Shutters

The automatic resetting Auto-Set[®] Counter Fire and Smoke Rated Model CFS shutter 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[®] Model CFS is 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*
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
Available with a concealed inboard fire shutter motor operator

Size

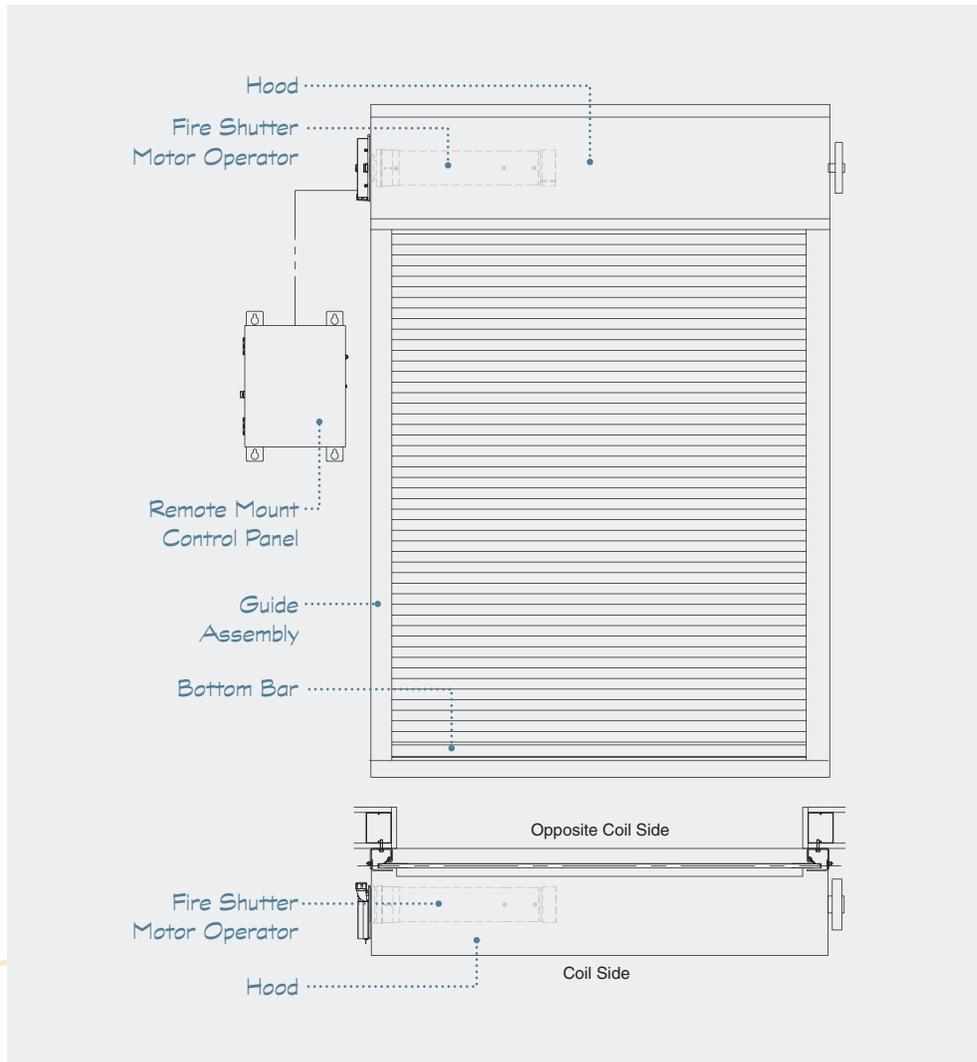
Widths to 30' and heights to 12'; for larger sizes and custom configurations consult the factory

Finishes

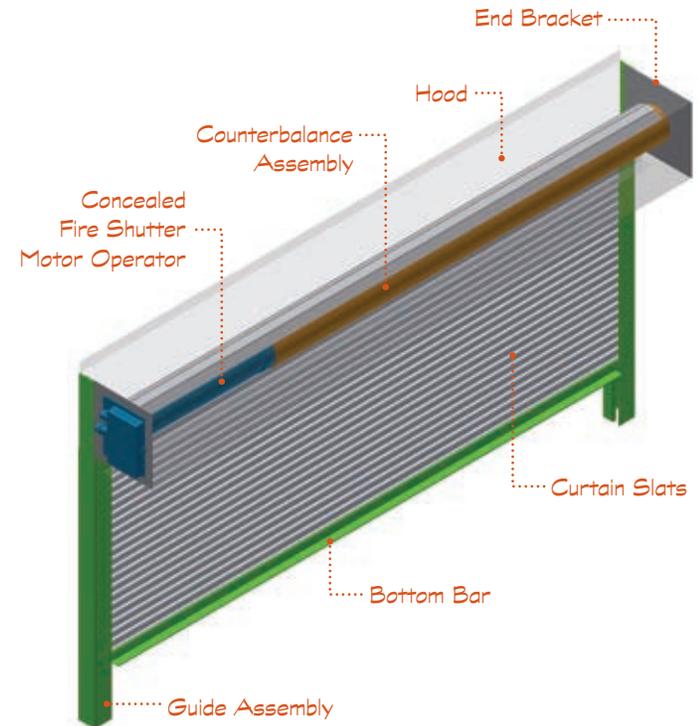
McKEON Sterling Gray
Powder Coat of any color as selected
Stainless Steel – No. 4 Polish or No. 8 Mirror

*Listed under the Canadian equivalent CAN/ULC S104

VERTICAL ACTING FIRE DOOR SYSTEMS



Auto-Set® Model CFS-FT | Counter Fire Shutter with Concealed Inboard Motor



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.

≡ 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

||||||| SIDE ACTING FIRE DOOR SYSTEMS

S7000 Series

Side Sliding with & 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.

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

Smoke & Draft labeled UL 1784

Code Compliance

CCRR-1086

ADA compliant

Egress

Available with multiple fixed complying 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

Manual operation 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

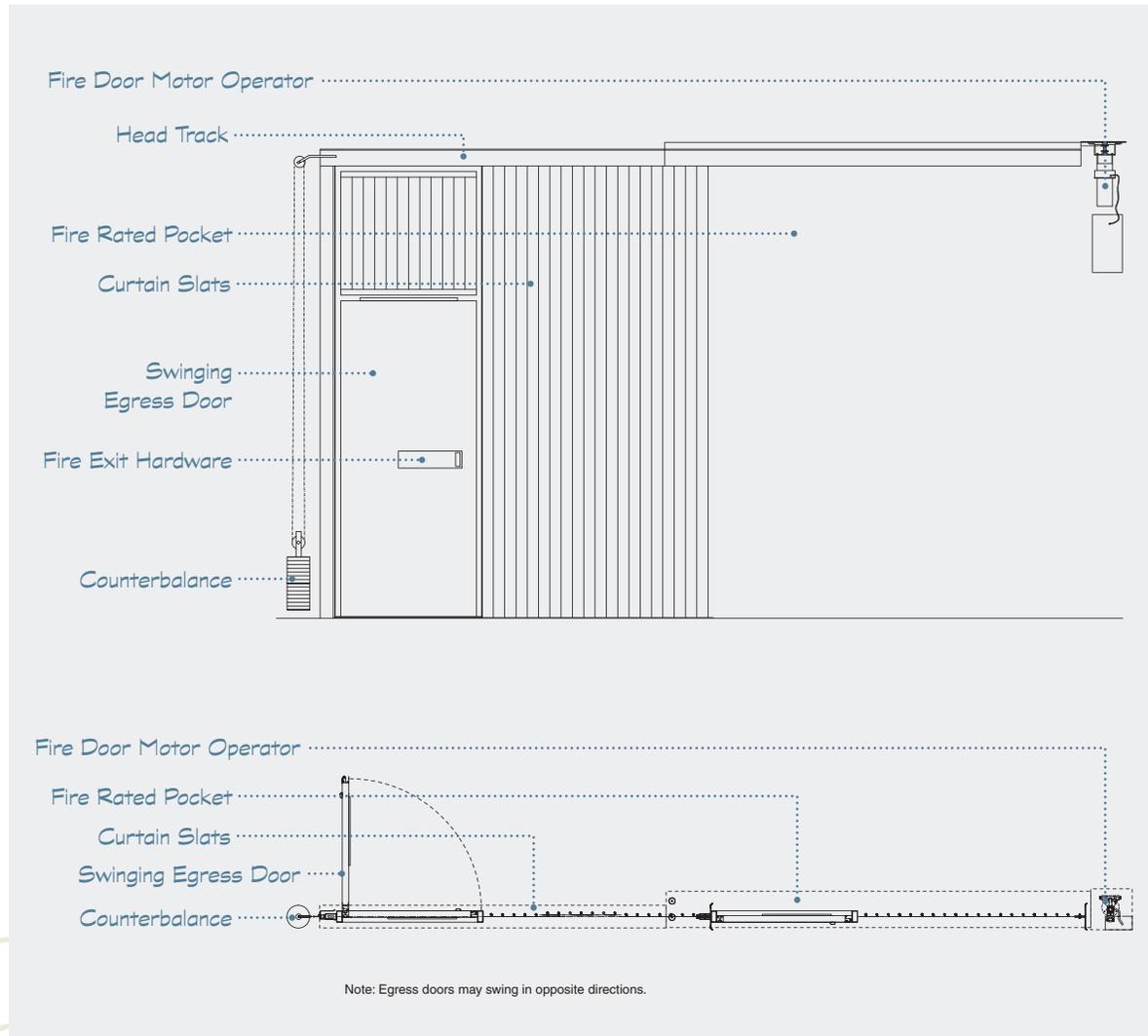
Powder Coat of any color as selected

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. 8,307,877 - 9,267,326

||||||| SIDE ACTING FIRE DOOR SYSTEMS



Safescape® Model S7904 | Aliante Casino + Hotel

||||||| SIDE ACTING FIRE DOOR SYSTEMS



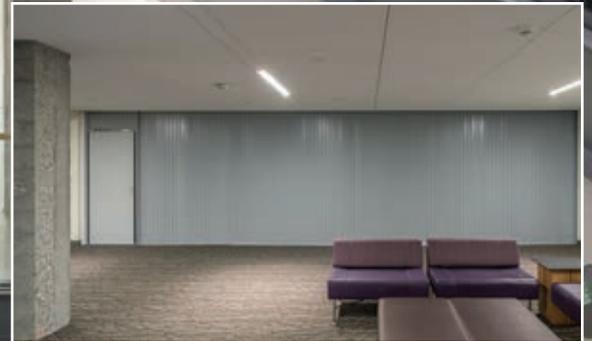
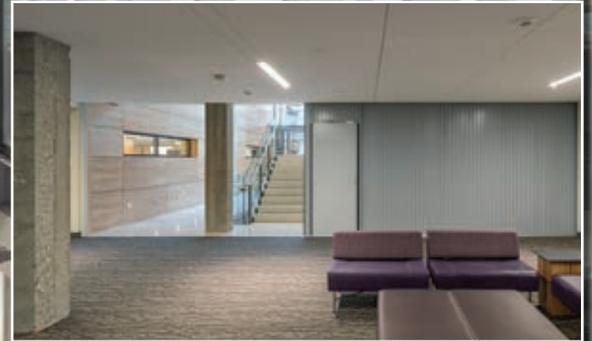
Model S7600 | Planet Hollywood Resort & Casino

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

||||||| SIDE ACTING FIRE DOOR SYSTEMS

Safescape® S9000 Series

Side Coiling with Fixed Egress

The Safescape® S9000 Series fire door system is a side coiling fire and smoke rated door with one or multiple integral swinging 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 | 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

Smoke & Draft labeled UL 1784

Code Compliance

CCRR-1086

ADA compliant

Egress

One or two, when required, fixed 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' (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

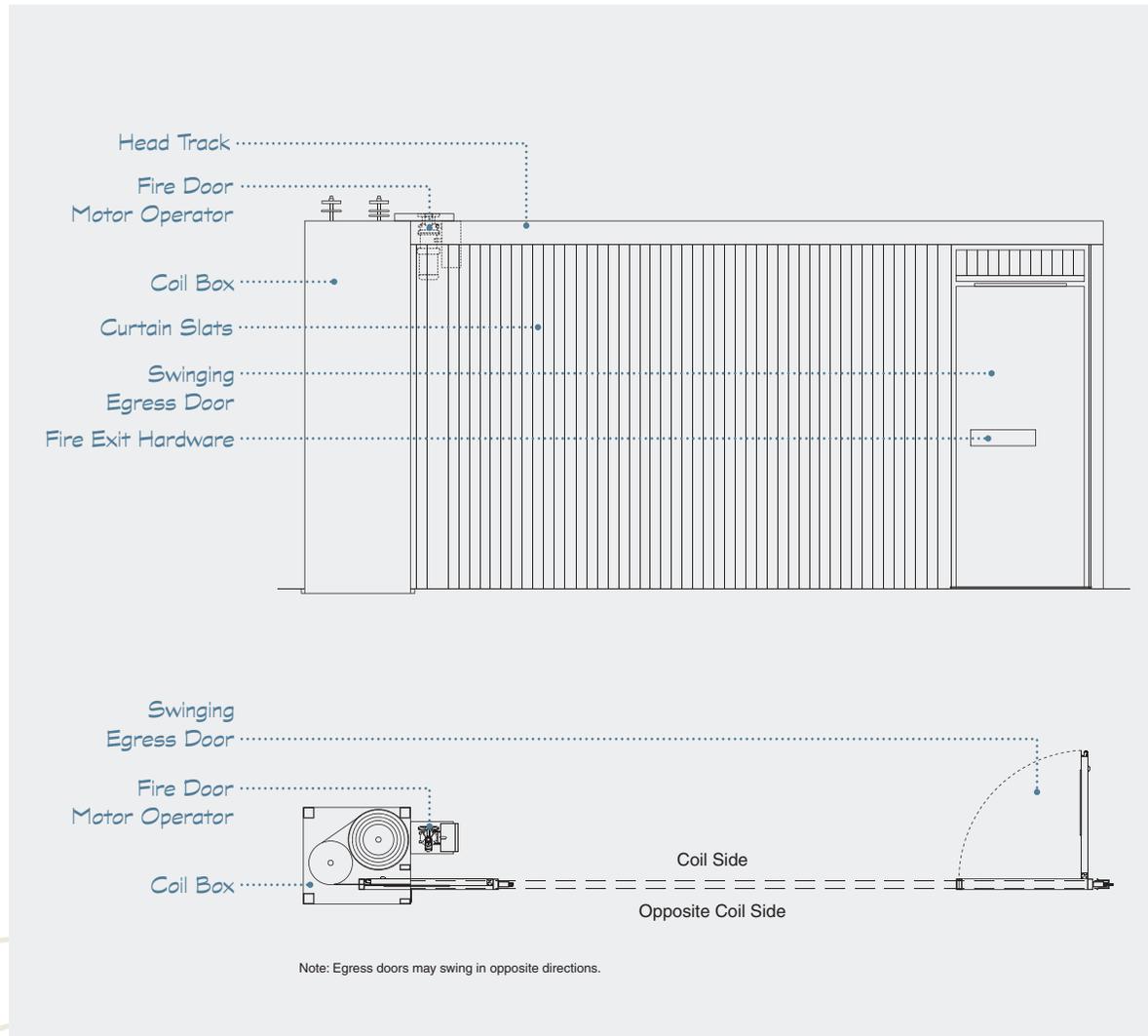
Powder Coat of any color as selected

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. 8,307,877 - 9,267, 326

||||||| SIDE ACTING FIRE DOOR SYSTEMS



Safescape® Model S9000 | UMC of Southern Nevada

||||| 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

||||||| SIDE ACTING FIRE DOOR SYSTEMS

Auto-Set® Model S4000

Side Coiling without Egress

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](#) | Tommy Hilfiger, NYC

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

Smoke & Draft labeled UL 1784

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

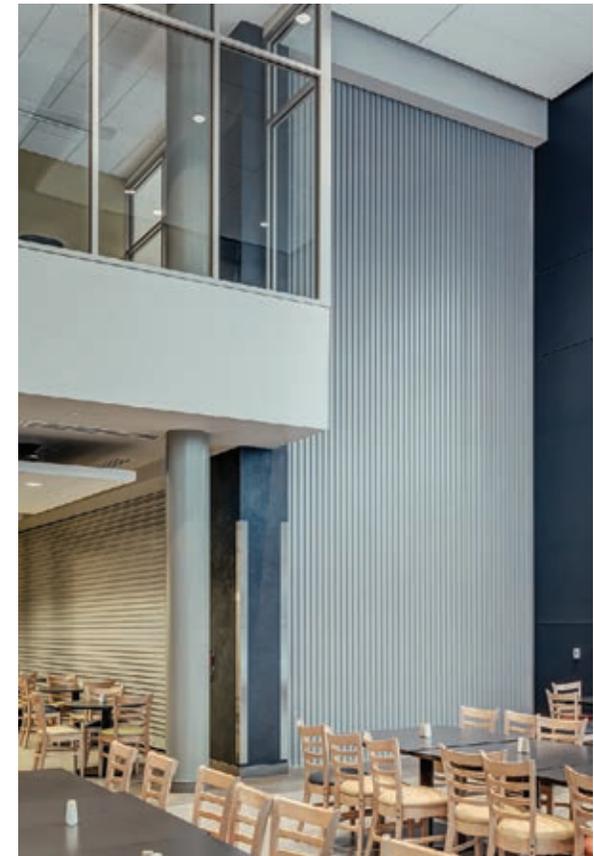
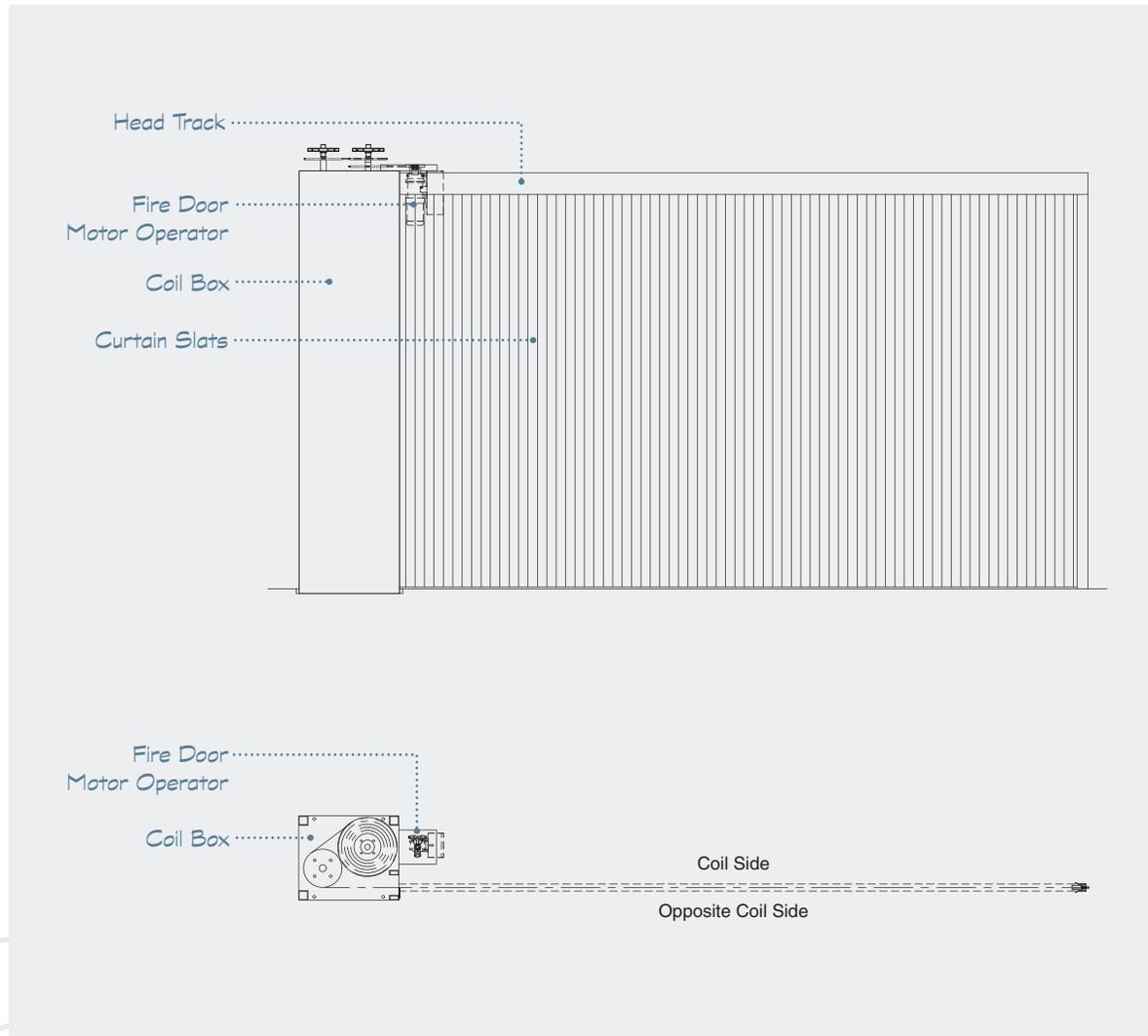
Powder Coat of any color as selected

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

*Listed under the Canadian equivalent CAN/ULC S104

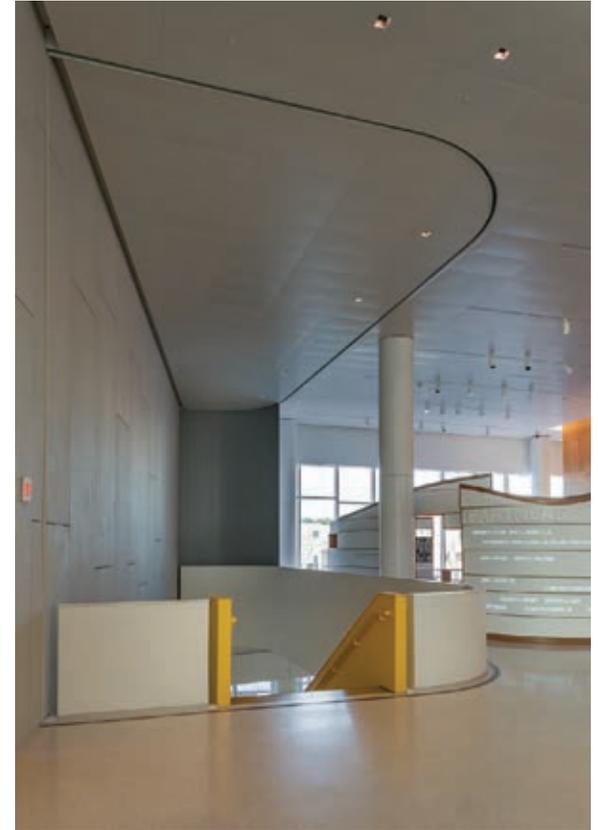
This technology is the subject of US Patent Nos. 8,307,877 - 9,267, 326

||||||| SIDE ACTING FIRE DOOR SYSTEMS



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

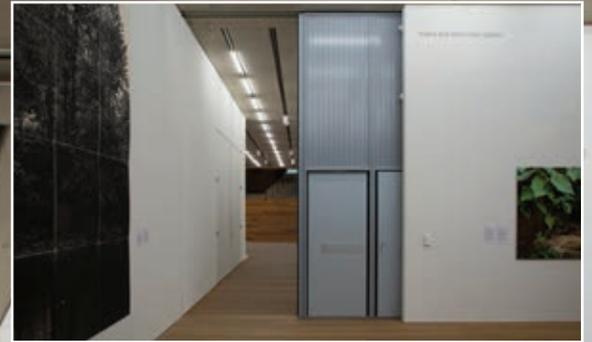


Auto-Set® Model S4000 | NC State, Hunt Library

MODEL	OPEN	SELF-CLOSE	EGRESS	FUNCTION
S9000	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door	Side Coiling
S9500	Auto-Set® Power Operator	Fail-Safe Mechanical	2 Complying Swing Doors	Side Coiling
S4000	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A	Side Coiling

AC8000 SERIES

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



AC8000

||||||| SIDE ACTING FIRE DOOR SYSTEMS

AC8000 Series

Side Folding Accordion with and 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.

◀ Safescape® Model AC8900 | Perez Art Museum Miami

Product Features

Ratings

3-hour rated UL 10B*

Smoke & Draft labeled UL 1784

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 for assemblies up to 10' x 10'

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

This technology is the subject of US Patent Nos. 6,615,894 - 8,307,877

||||||| SIDE ACTING FIRE DOOR SYSTEMS



Safescape® Model AC8400 | UMC of Southern Nevada

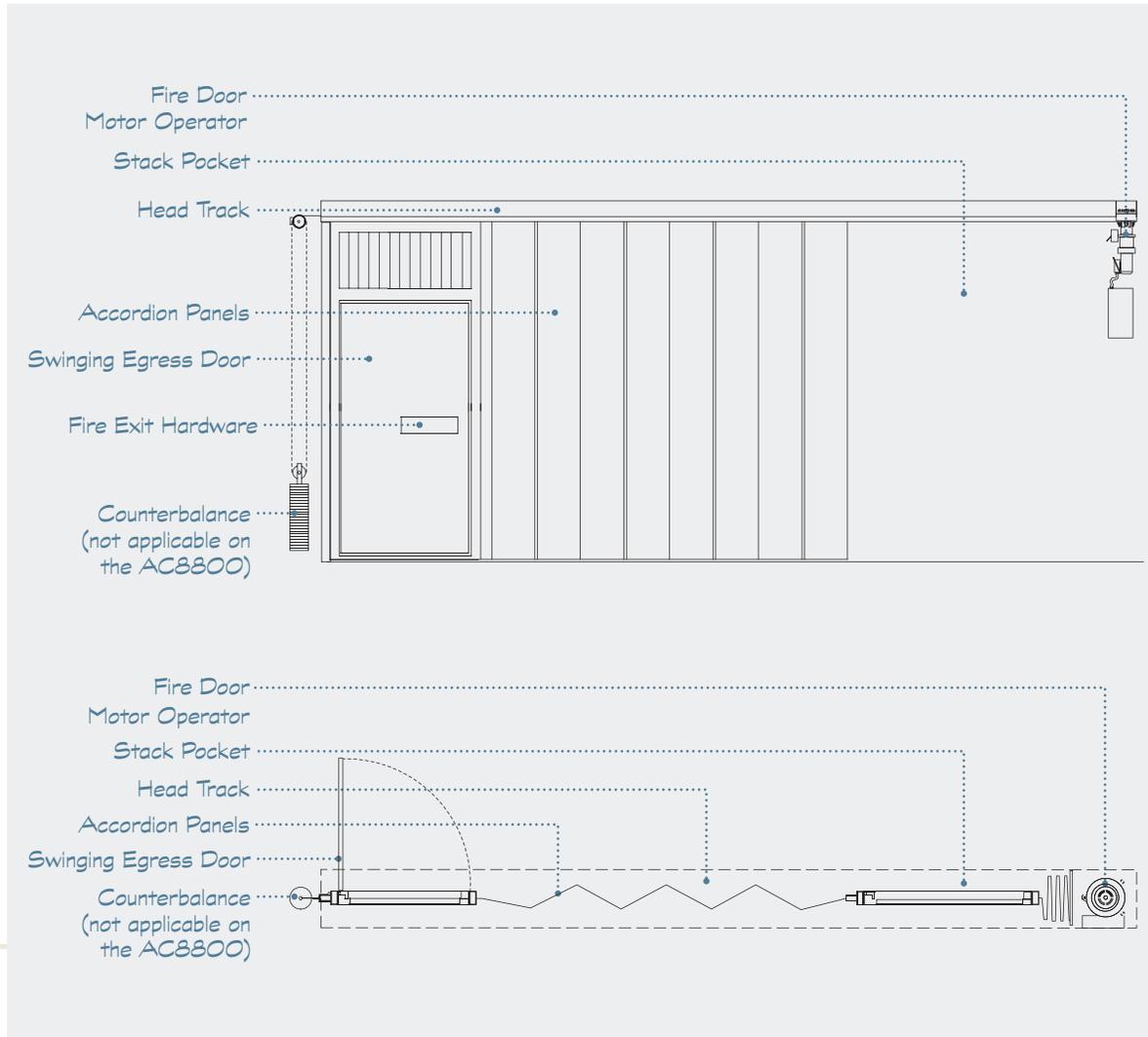
Safescape® Model AC8800
Planet Hollywood Resort & Casino

||||||| SIDE ACTING FIRE DOOR SYSTEMS



Model AC8600 | University of Washington Surgical Center

||||||| SIDE ACTING FIRE DOOR SYSTEMS



Safescape® Model AC8400 | UMC of Southern Nevada

||||||| SIDE ACTING FIRE DOOR SYSTEMS



Model AC8600 | 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

AUTO-SET® H200

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



H200

HORIZONTAL ACTING FIRE SHUTTER SYSTEMS

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.

◀ **Auto-Set[®] Model H200** | Prada Beverly Hills

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

Function

Interior and exterior applications

Coiling on the horizontal plane

Size

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

Finishes

McKEON Sterling Gray

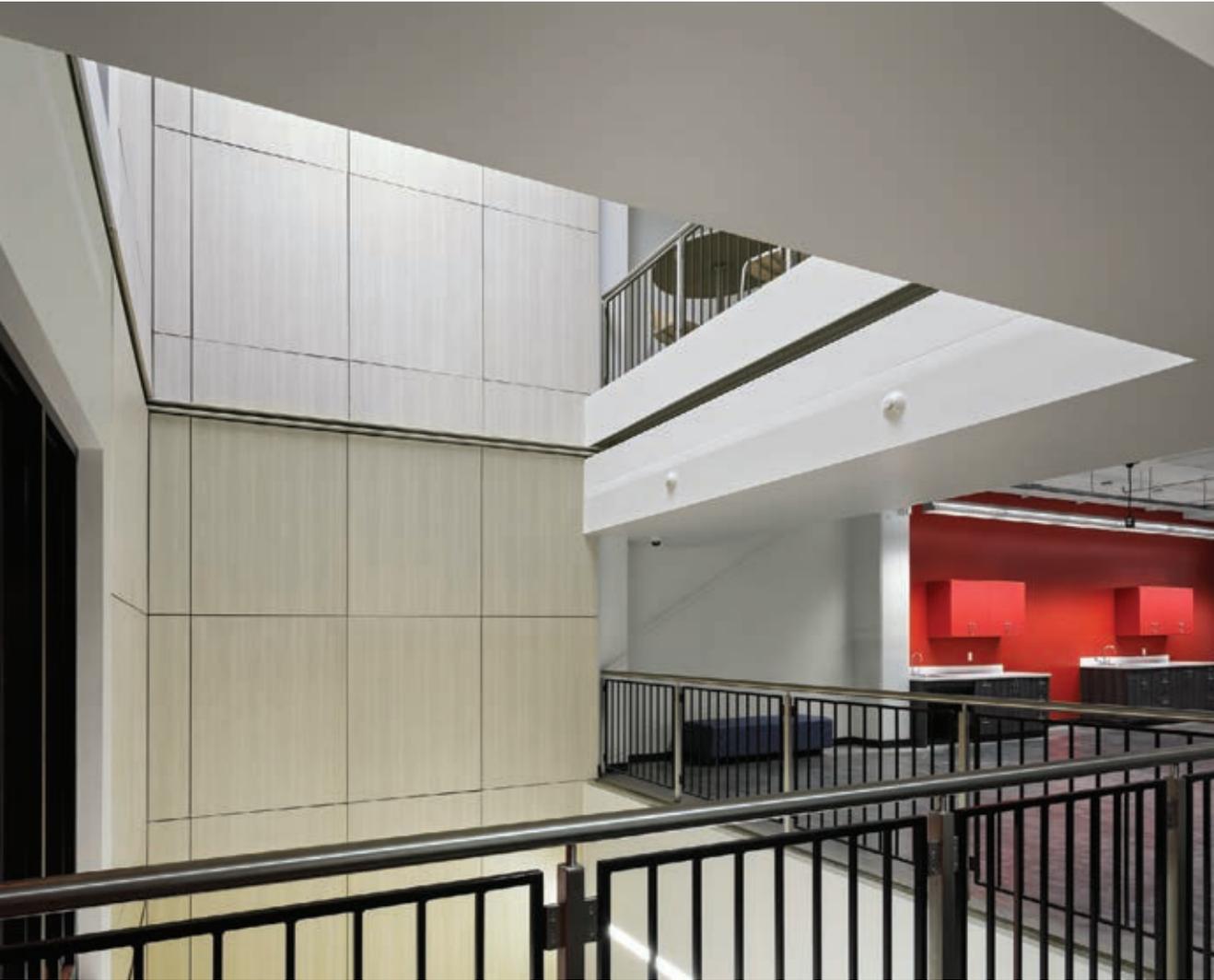
Powder Coat of any color as selected

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

*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



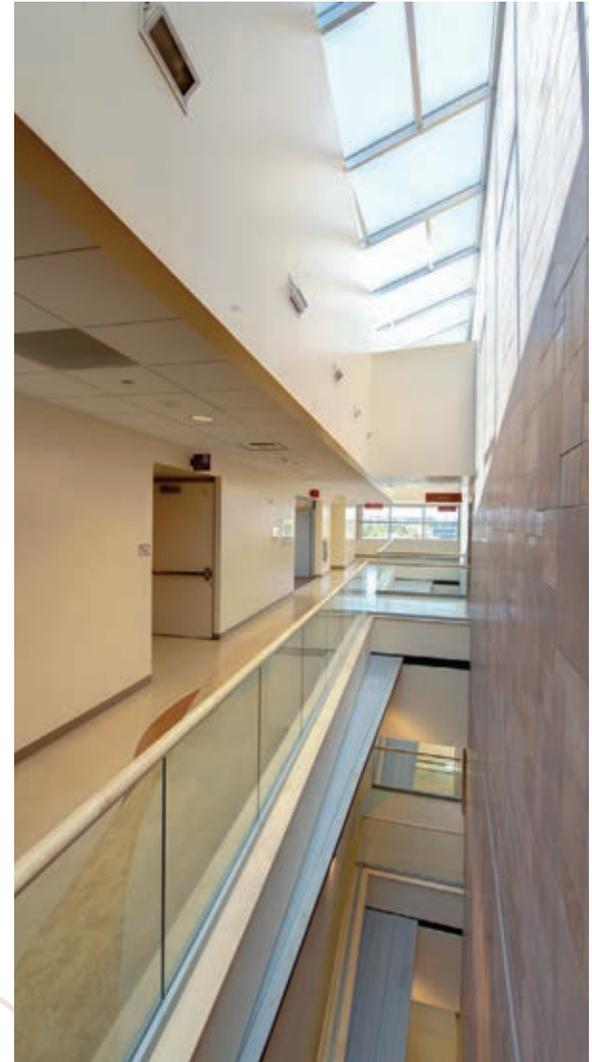
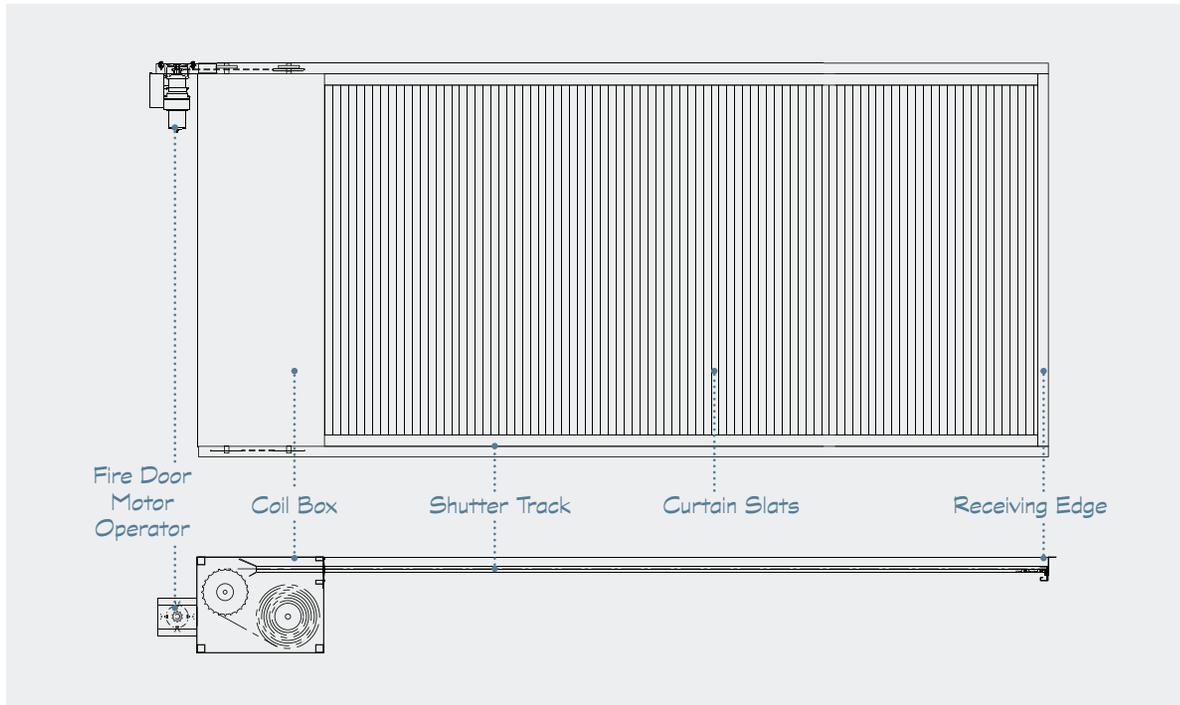
Auto-Set® Model H200 | Hazelwood West Middle School

HORIZONTAL ACTING FIRE SHUTTER SYSTEMS



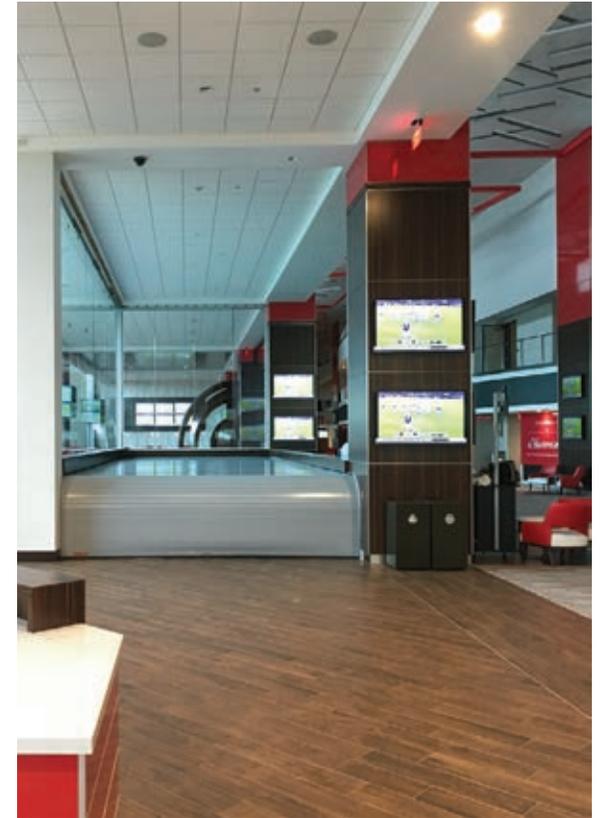
Auto-Set® Model H200 | University of Wisconsin

HORIZONTAL ACTING FIRE SHUTTER SYSTEMS



Auto-Set® Model H200 | University of Nevada Las Vegas

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



SMOKE RATED CURTAIN SYSTEMS

SmokeFighter® Model D100

Vertical Coiling Deployable Draft Curtain

The McKEON SmokeFighter® 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.

Product Features

Fire & Smoke Ratings

Approved materials in compliance with draft curtain requirements

Code Compliance

Code Compliance Research Report (CCRR)
(pending)

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 24'

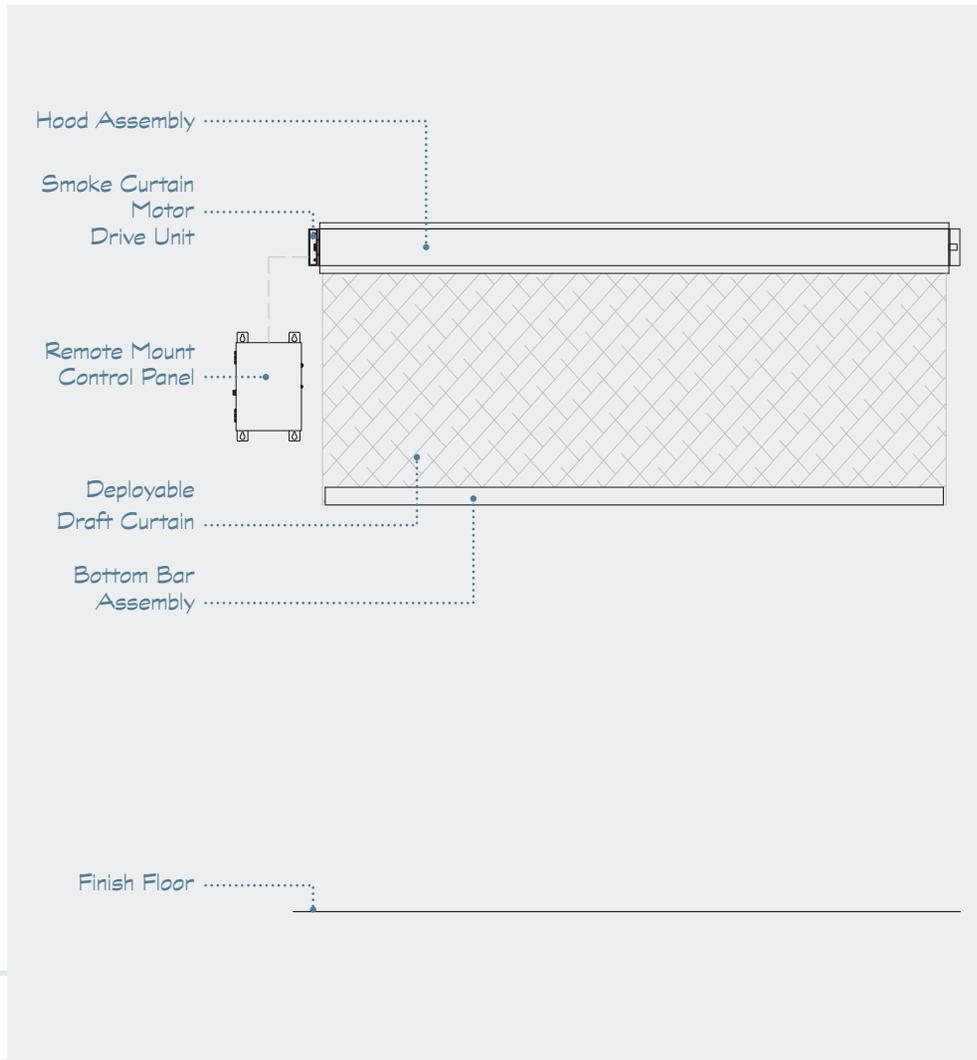
Finishes (metal components only)

McKEON Sterling Gray

Powder Coat of any color as selected

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

SMOKE RATED CURTAIN SYSTEMS



SmokeFighter® D100 | Aria Resort & Casino Las Vegas

SMOKE RATED CURTAIN SYSTEMS



SmokeFighter® D100 | Barneys New York



SmokeFighter® D100 | Tahoma High School

SMOKEFIGHTER® D150

- When smoke-only separation is needed
- Redefine corridor walls
- With or without egress



D150

SMOKE RATED CURTAIN SYSTEMS

SmokeFighter® Model D150

Vertical Coiling Smoke Protection 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.

◀ SmokeFighter® D150

Product Features

Fire & Smoke Rating

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

Code Compliance Research Report (CCRR)
(pending)

ASME A17.1 compliant vision panel 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

Finishes (metal components only)

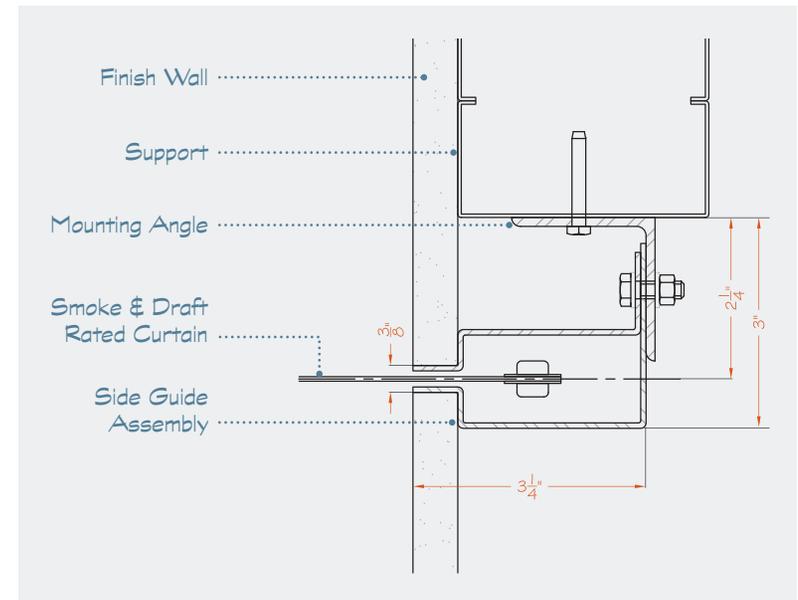
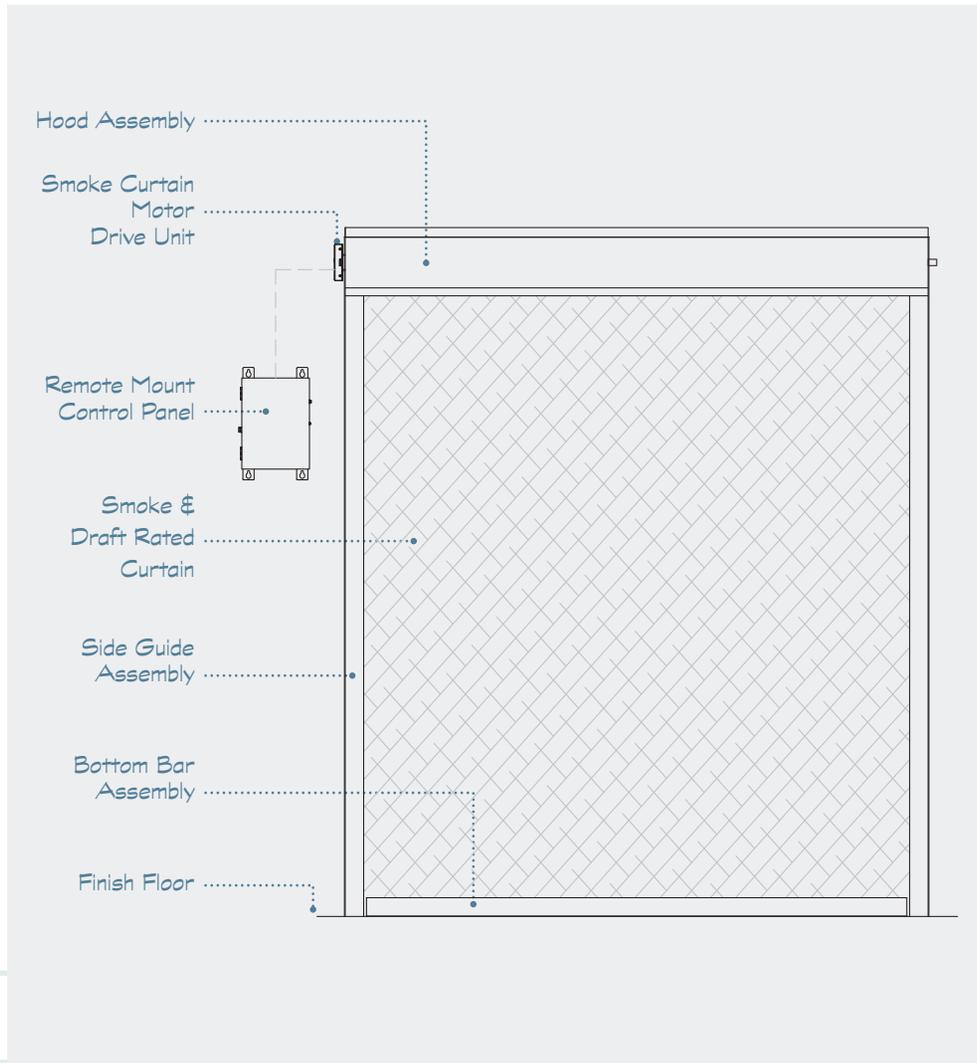
McKEON Sterling Gray

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

SMOKE RATED CURTAIN SYSTEMS



Side guides, with a nominal reveal, can be surface or jamb mounted making them virtually invisible in any application.

SMOKE RATED CURTAIN SYSTEMS

SmokeFighter® Model D150E

Vertical Coiling Smoke Protection 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. The D150E incorporates a vision panel (smoke rated assemblies only) and has been tested without an artificial bottom seal.

Product Features

Fire & Smoke Rating

UL 1784 tested & listed without an artificial bottom seal

Code Compliance

ASME A17.1 compliant vision panel when required
ADA compliant
Code Compliance Research Report (CCRR)
(pending)

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 to self-close

Size

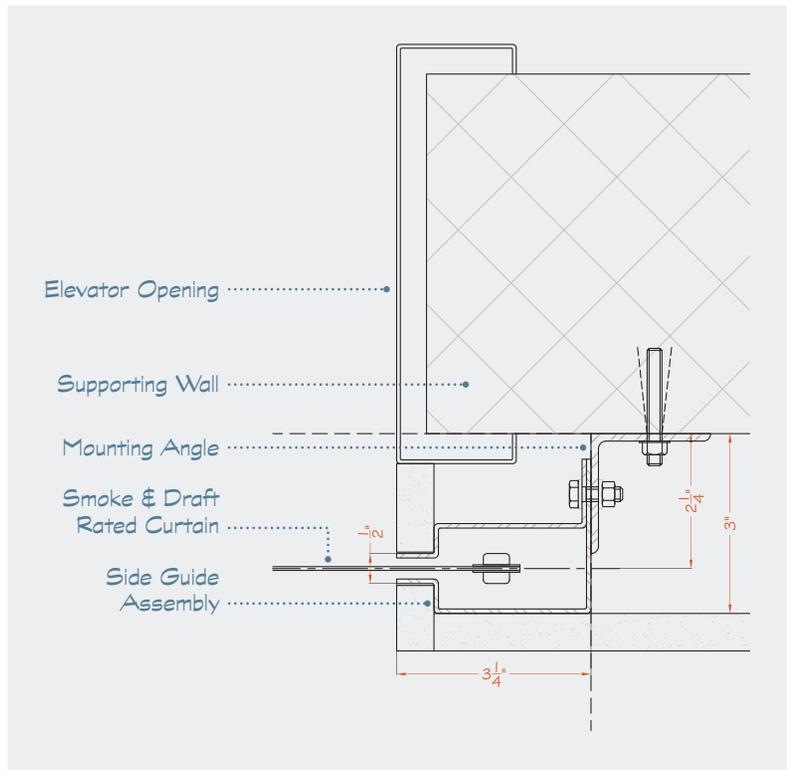
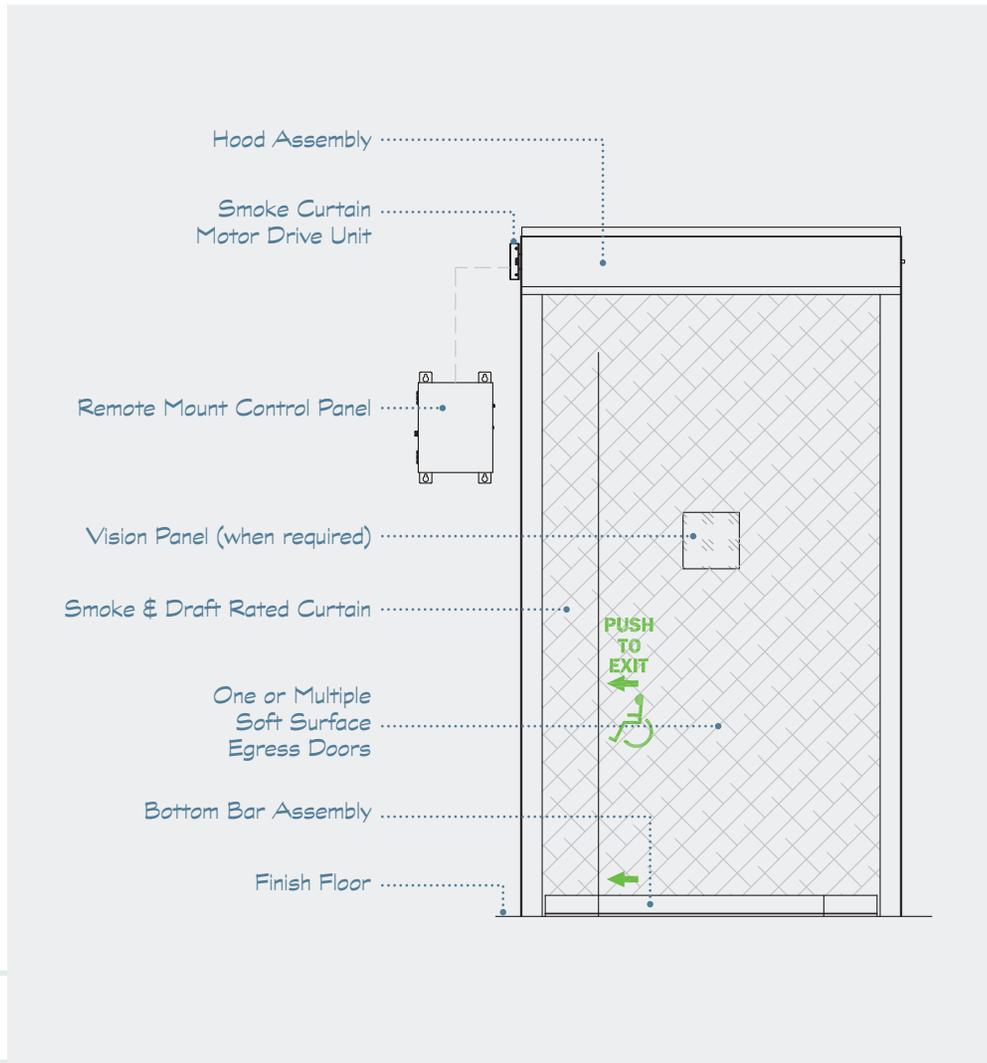
Widths to 60' and heights to 24'; for larger sizes and custom configurations consult the factory

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 and 10,145,174

SMOKE RATED CURTAIN SYSTEMS



Side guides, with a nominal reveal, can be surface or jamb mounted making them virtually invisible in any application.

SMOKE RATED CURTAIN SYSTEMS



SmokeFighter® D150E | Nike The Grove

MODEL	OPEN	SELF-CLOSE	EGRESS
D100	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A
D150	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A
D150E	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door
D152E - D158E*	Auto-Set® Power Operator	Fail-Safe Mechanical	2 to 8 Complying Swing Doors

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

FIREFIGHTER® D200

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



D200

FireFighter® Model D200

Vertical Coiling Opening Protective without Egress

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

◀ FireFighter® D200 | Hazelwood West Middle School

Product Features

Fire & Smoke Ratings

20-minute rated UL 10B & 10C

Up to 3-hour rated UL 10D

UL 1784 tested and listed without an artificial bottom seal

Code Compliance

Code Compliance Research Report (CCRR)
(pending)

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

Finishes (metal components only)

McKEON Sterling Gray

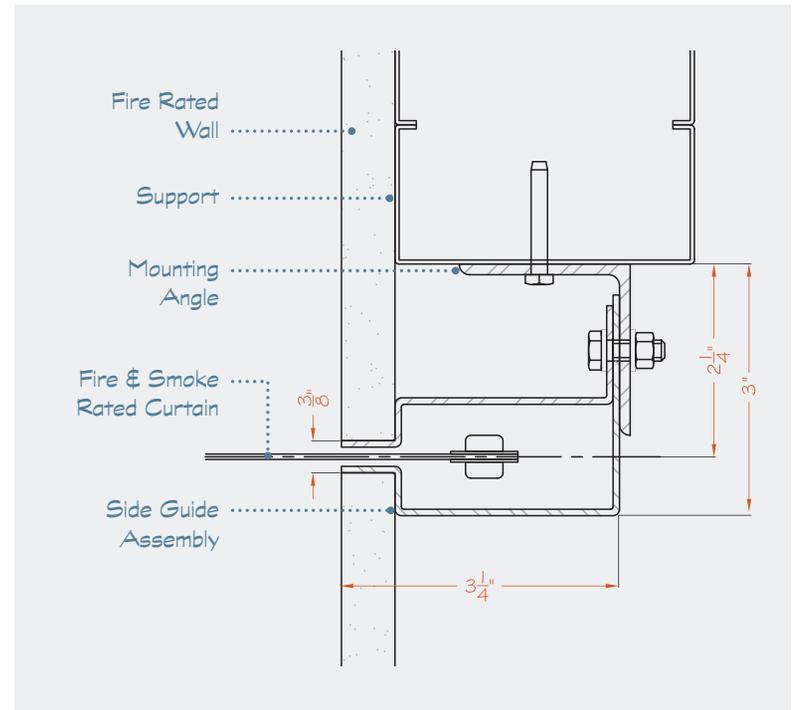
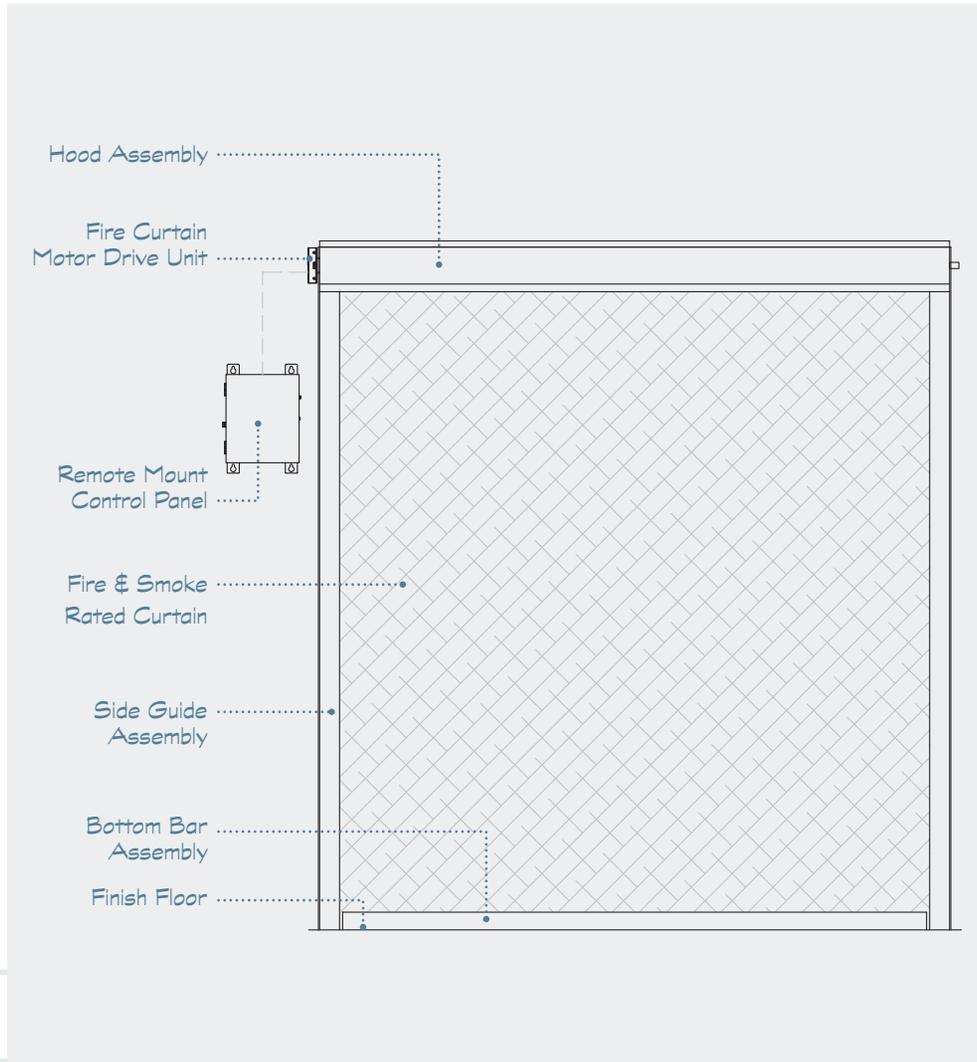
Powder Coat of any color as selected

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. 10,145,174

FIRE & SMOKE RATED CURTAIN SYSTEMS



The McKEON D200 side guide configuration, with a maximum of a 3/8" reveal, can be surface or flush mounted making it virtually invisible in any application.

FIRE & SMOKE RATED CURTAIN SYSTEMS



FireFighter® D200 | Lamar Fleming Building, University of Houston

FireFighter® D200 | St. Timothy's School

FIREFIGHTER® D200E

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



D200E

FireFighter® Model D200E

Vertical Coiling Opening Protective with Egress

The D200E 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!

◀ FireFighter® D200E | KCS West

Product Features

Fire & Smoke Ratings

20-minute rated UL 10B & 10C

Up to 3-hour rated UL 10D

UL 1784 tested and listed without an artificial bottom seal

Code Compliance

Code Compliance Research Report (CCRR)
(pending)

ADA compliant

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 24'; for larger sizes and custom configurations consult the factory

Finishes (metal components only)

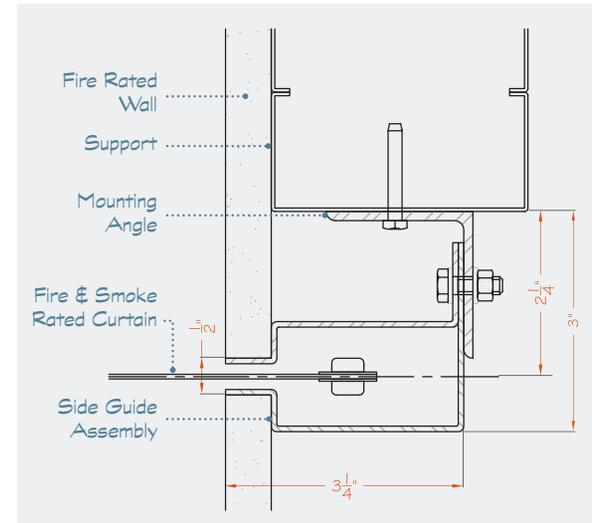
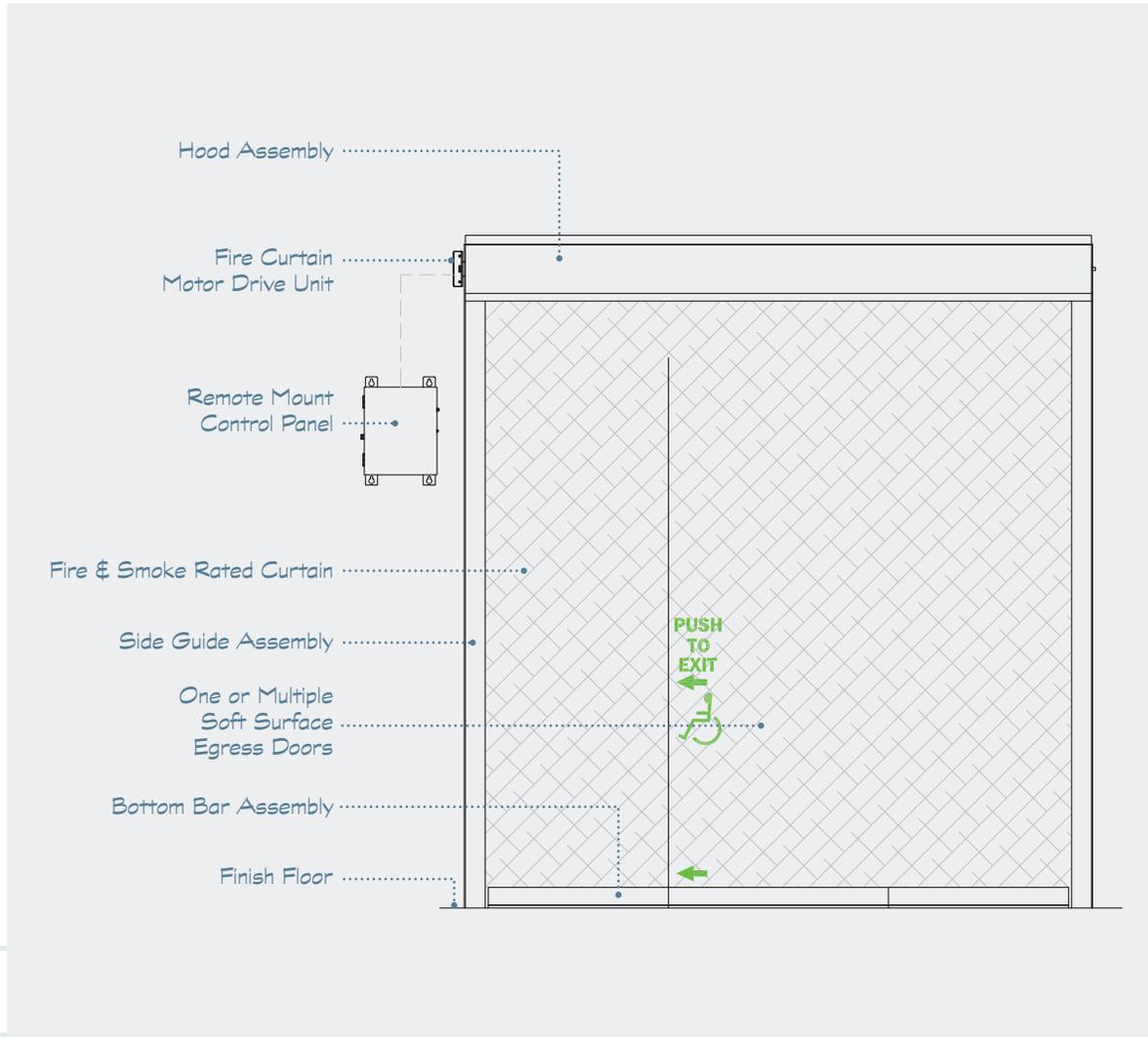
McKEON Sterling Gray

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 and 10,145,174

FIRE & SMOKE RATED CURTAIN SYSTEMS



The McKEON D200E side guide configuration, with a maximum of a 1/2" reveal, can be surface or flush mounted making it virtually invisible in any application.



FIRE & SMOKE RATED CURTAIN SYSTEMS



FireFighter® D200E | Bowie State University

MODEL	OPEN	SELF-CLOSE	EGRESS
D200	Auto-Set® Power Operator	Fail-Safe Mechanical	N/A
D200E	Auto-Set® Power Operator	Fail-Safe Mechanical	1 Complying Swing Door
D202E - D208E*	Auto-Set® Power Operator	Fail-Safe Mechanical	2 to 8 Complying Swing Doors

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

SAFESPACE™ 500

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



SS500



SafeSpace™ 500 Series

FEMA 361 Certified & ICC 500 Compliant

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 (3rd Edition) and ICC 500 (2014) 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 18'-0" high so as not to restrict the size of windows and other openings.

◀ SafeSpace™ 500 | Lincoln Elementary

Product Features

Ratings

Wind Pressure. Design Wind Pressure (DWP) of 200 PSF (subjected to 240 PSF which equals 1.2 times the DWP) in accordance with ASTM E330

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

SafeSpace 500F and 500F-IS available with up to a 3-hour UL10B fire rating and UL1784 smoke rating when required*

Optional insulated design for thermal protection

Code Compliance

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

FEMA 361 (3rd Edition). FEMA Standard for the Design and Construction of Safe Rooms for Tornadoes and Hurricanes

CCRR-1086 applicable to SafeSpace 500F & 500F-IS

Operation

Power motor operation

Size

Widths 4'-4" to 16'-4"; heights from 4'-0" to 18'-0"

Finishes

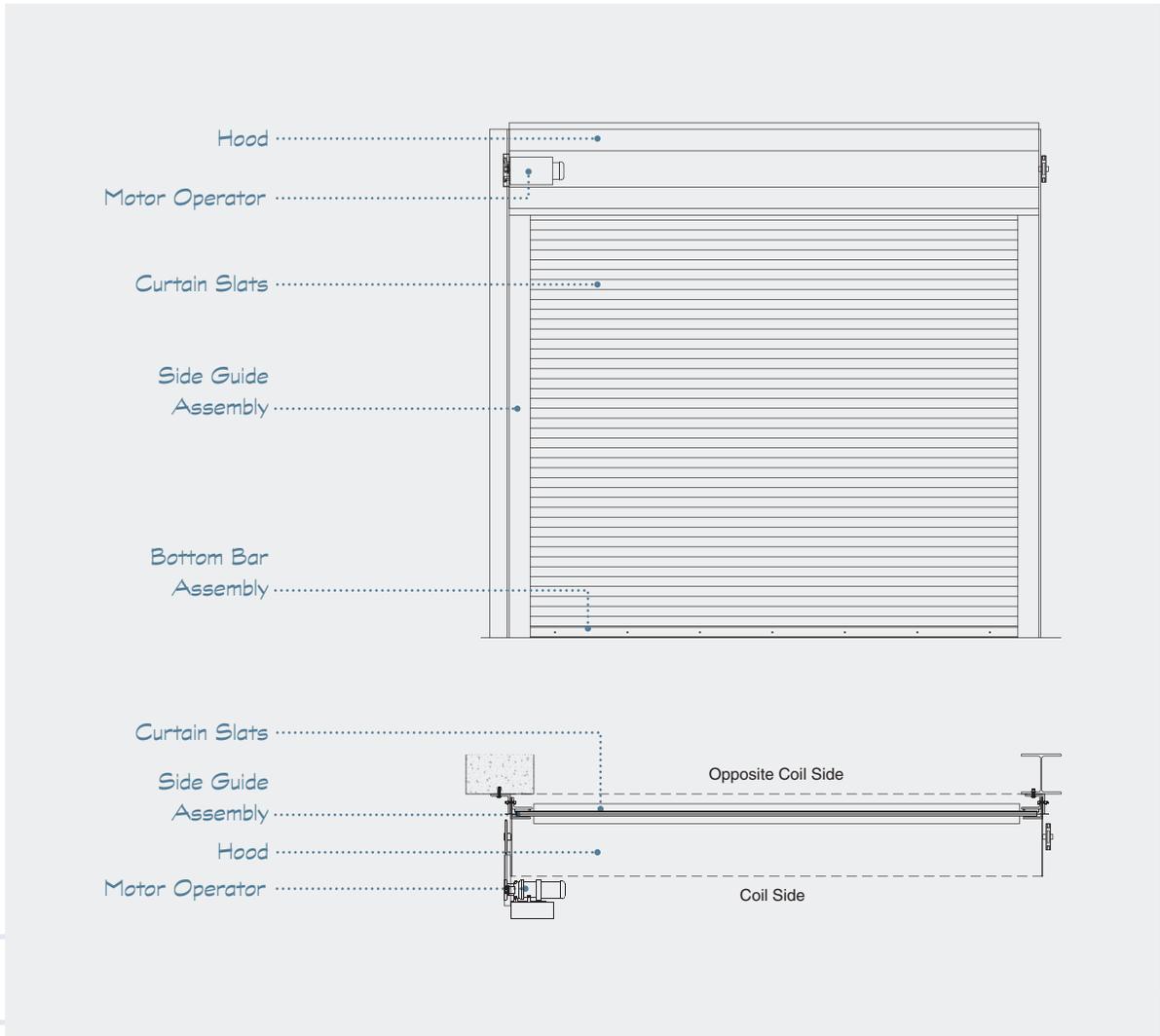
McKEON Sterling Gray

Powder coat of any color as selected

*Listed under the Canadian equivalent CAN/ULC S104

This product has patents pending

■ ■ ■ FEMA & WIND RATED DOOR SYSTEMS



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.

■ ■ ■ FEMA & WIND RATED DOOR SYSTEMS



SafeSpace™ 500 | Valerie Hall Outdoor Education Center



DYNAMIC 110™

- With or without fire & smoke ratings
- High operational wind loads
- Weather resilient

110



Dynamic 110™

Operational Wind Load Rated

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™** | Nevada Army National Guard

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*

Code Compliance

CCRR-1086 applicable to Dynamic 110F

Operation

Power motor operation

Size

Unlimited heights and widths to 30'; for larger sizes and custom configurations consult the factory

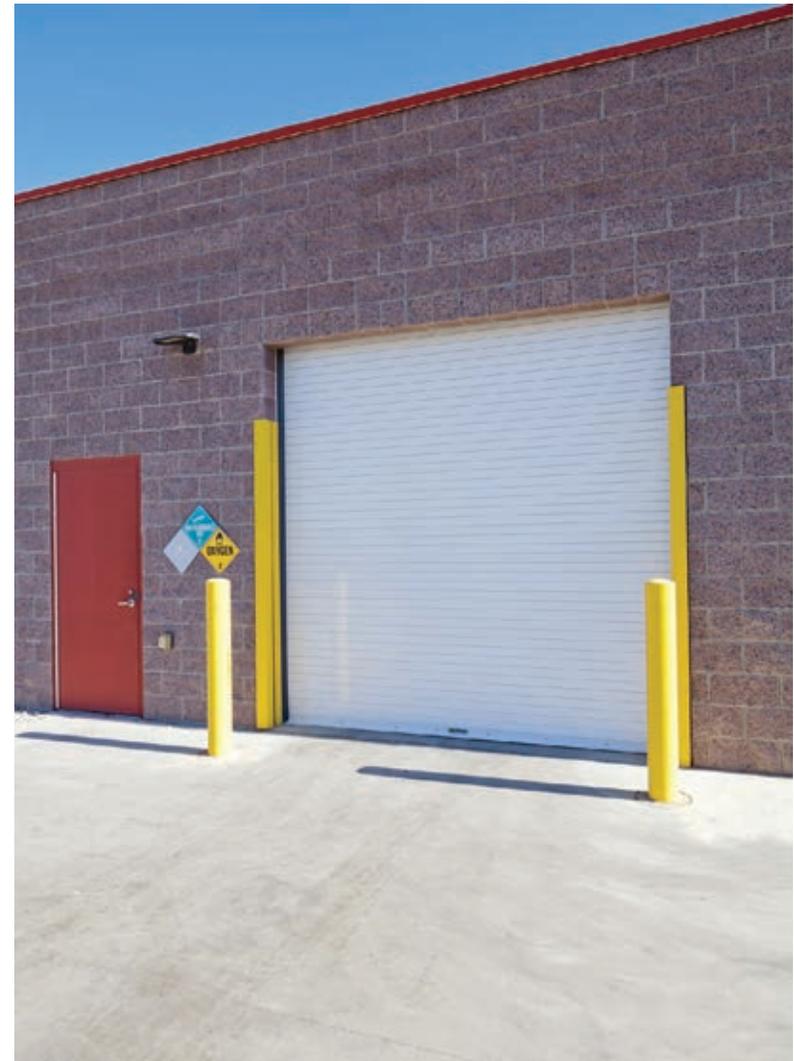
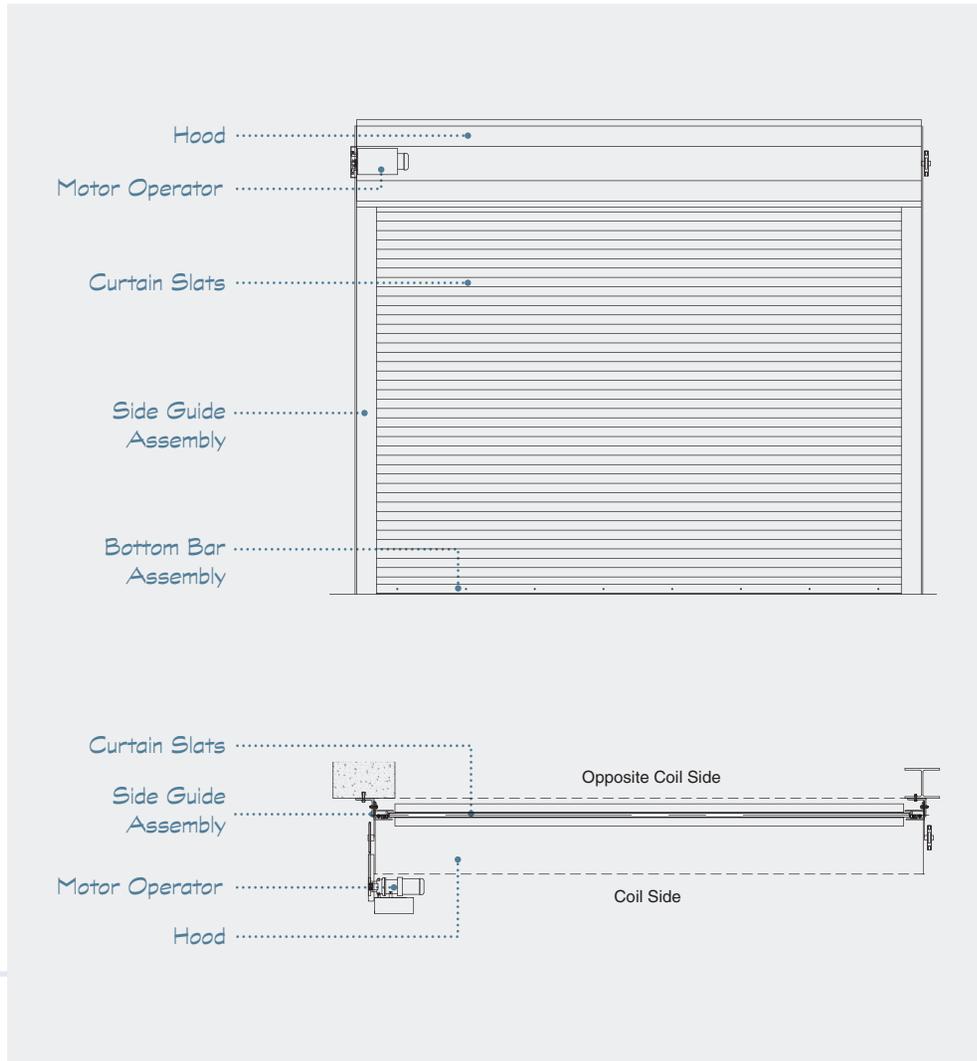
Finishes

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. 9,287,326

■ ■ ■ FEMA & WIND RATED DOOR SYSTEMS



Dynamic 110™ | Nevada Army National Guard

■ ■ ■ FEMA & WIND RATED DOOR SYSTEMS



Dynamic 110™ | Nevada Army National Guard



Dynamic 110™ | Nevada Army National Guard

MODEL	OPEN/CLOSE	FUNCTION
SafeSpace™ 500	Power Operator	Vertical coiling door – Certified to FEMA 361 and ICC 500 Standards for use in tornado and 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

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



NON-FIRE RATED DOOR SYSTEMS

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.

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



Model PF3000 | Long Island MacArthur Airport (top) & Seattle Public Library (bottom)



Model SC3000PF | Montgomery Spa

■ NON-FIRE RATED DOOR SYSTEMS



CS3000 Series | The Deck, Las Vegas

NON-FIRE RATED DOOR SYSTEMS



SD3000 Series | Embassy Suites



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



■ NON-FIRE RATED DOOR SYSTEMS

Service & Security Grilles

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 SG3000 | Aliante Casino + Hotel

Safescape® G1500 | Mountainside High School

NON-FIRE RATED DOOR SYSTEMS

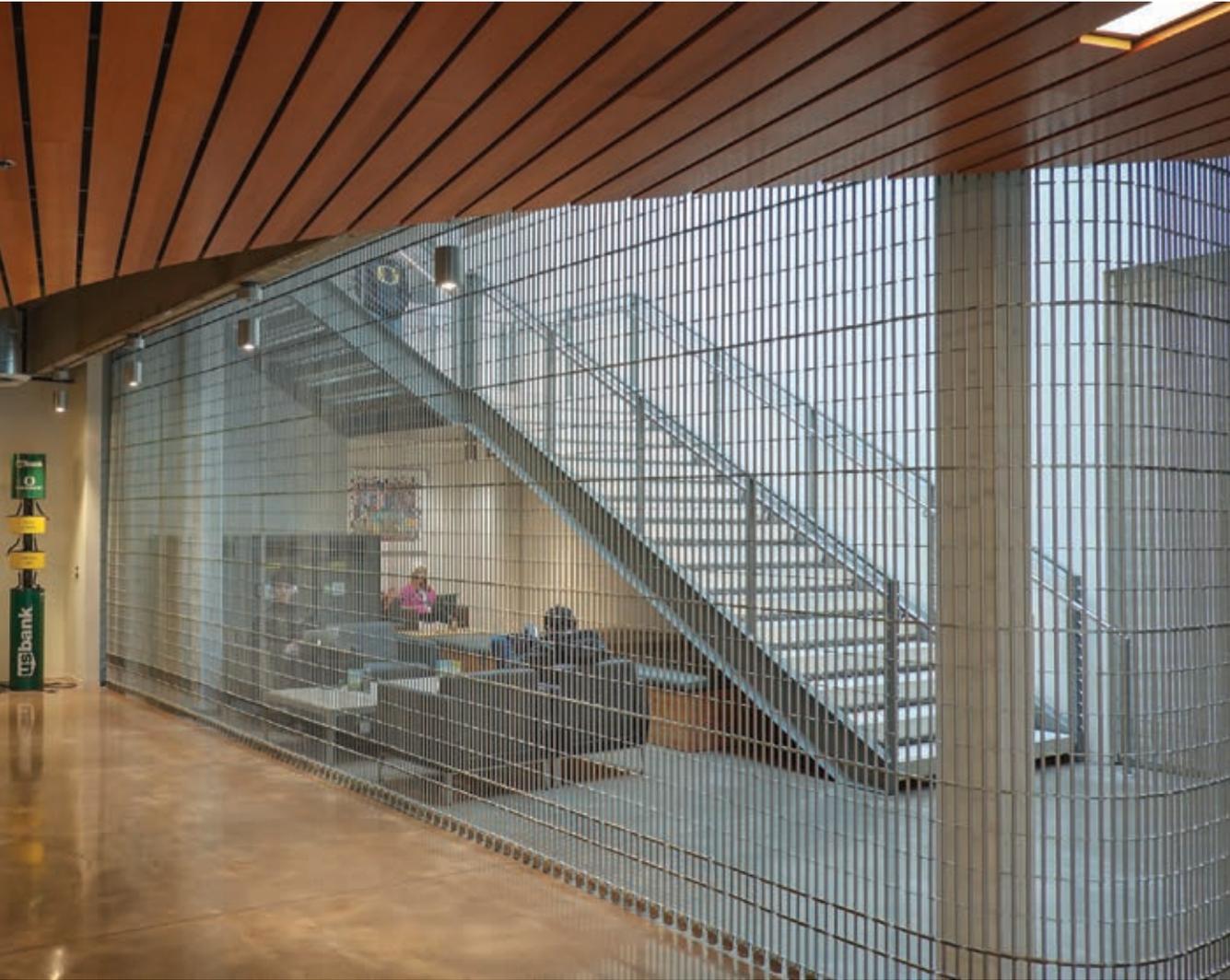


SG3000 | Aliante Casino + Hotel



Safescape® G1000 | Aliante Casino + Hotel

NON-FIRE RATED DOOR SYSTEMS



SC3000G | University of Oregon Student Union Building



NON-FIRE RATED DOOR SYSTEMS



Safescape® G4000 | Houston Methodist Hospital



Safescape® G4500 | Scouters Mountain Elementary 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.



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