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# FIRE, SMOKE, SECURITY & EMERGENCY EGRESS DOOR SYSTEMS



**McKEON DOOR COMPANY**

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# PRODUCT GUIDE

FIRE, SMOKE, SECURITY and EMERGENCY EGRESS DOOR SYSTEMS

## Fire and Smoke-Rated Doors and Shutters *WITH* Emergency Egress



**VERTICAL COILING SYSTEMS**  
Safescape® Models T2000 & T2500  
Automatic resetting Fire Door Systems, with built-in emergency egress. Available with one or two emergency egress doors.

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**VERTICAL ACTING SYSTEMS**  
Safescape® Model T5000  
Automatic Resetting Fire Door Systems with Emergency Egress. Available with up to 18 emergency egress doors.

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**SIDE COILING SYSTEMS**  
Safescape® Models S9000 & S9500  
Automatic resetting, emergency egress. One or two egress doors. Side activated doors can navigate around curves and contoured openings.

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**SIDE ACTING FIRE DOORS**  
S7000 Series  
Six side acting fire doors. Available with and without egress. Do not require battery back-up systems when activated in the self-closing fire condition mode.

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**ACCORDION FIRE DOORS**  
AC8000 Series  
Seven accordion folding fire door variations. Manual and motor operated, available with and without egress. 9" or 16" wide pockets.

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The doors with emergency egress options display this icon...

## Fire & Smoke Rated Doors and Shutters *WITHOUT* Emergency Egress



**HORIZONTAL FIRE SHUTTERS**  
Models H200 and HL250  
Motor operated, fail-safe. Approved by UL and ITS up to 2 hour rated. Available with a smoke and draft rating and has been tested under UL 1784.

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**SIDE COILING FIRE DOORS**  
Auto-Set® Model S4000  
UL and ITS classified for up to 3 hours. Side activated, allowing doors to navigate around curves and contoured openings.

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**COILING FIRE and SMOKE RATED DOORS**  
Auto-Set® Model FSFD  
For situations where fire protection is required, egress is not. Vertically acting fire door. UL, FM & ITS rated for up to 4 hours.

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**INSULATED FIRE and SMOKE RATED DOORS**  
Auto-Set® Models FSFD-IS & FSFD-TR  
For interior or exterior applications where temperature and climatic control as well as fire ratings are required.

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**ACOUSTICAL FIRE and SMOKE RATED DOORS**  
Auto-Set® Models FSFD-STC  
Model FSFD-STC is an acoustical coiling fire door. When used in pairs of doors the STC rating can reach up to 48.

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**COILING FIRE and SMOKE RATED SHUTTERS**  
Auto-Set® Model CFS  
Available up to 28' 0" wide x 12' 0" high. For interior and exterior applications. Available with the Auto-Set® hand crank or motor operated system.

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## FIRE, SMOKE, SECURITY and EMERGENCY EGRESS DOOR SYSTEMS

### Non Fire Rated Service Doors and Grilles



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#### SELF-OPENING SECURITY GRILLES WITH EMERGENCY EGRESS - VERTICAL COILING

Models G1000 & G1500

When both security and egress are issues. Activated by power failure, fire alarm or smoke system without the need for electricity or battery.



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#### SELF-OPENING SECURITY GRILLES WITH EMERGENCY EGRESS - SIDE COILING

Models G4000 & G4500

For both security and egress. Activated by power failure, fire alarm or smoke system without the need for electricity or battery.



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#### SIDE COILING DOORS and GRILLES

SC3000 Series

Side activated closures with curtains of solid slats, perforated curtain slats or of a security open type grille curtain.



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#### COILING SERVICE DOORS

Model SD3000

Accommodate any opening size. Available in prime painted galvanized steel, aluminum, stainless steel or can be powder coat finished to any color requirement.



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#### COILING INSULATED SERVICE DOORS

Model IS3000

Insulated with foamed-in-place polyurethane. Available in prime painted galvanized steel, aluminum, stainless steel or can be powder coat finished to any color requirement.

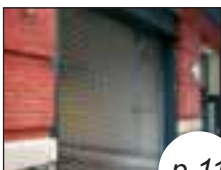


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#### HURRICANE SERVICE DOORS

Model H3000

Accommodate the largest of openings. Built of up to 14 gauge steel or stainless steel curtains. They can sustain extremely high wind loads and heavy impact from flying debris.



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#### COILING SECURITY GRILLES

Model SG3000

Vertical coiling units comprised of vertical links and horizontal rods. Can be manufactured in stainless steel, steel and aluminum and are available in a variety of finishes and patterns.



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#### COILING COUNTER SHUTTERS

CS3000 Series

Available to 28' width x 12' height. Interior and exterior applications. Available in either prime painted galvanized steel, stainless steel or powder coat finished any color.

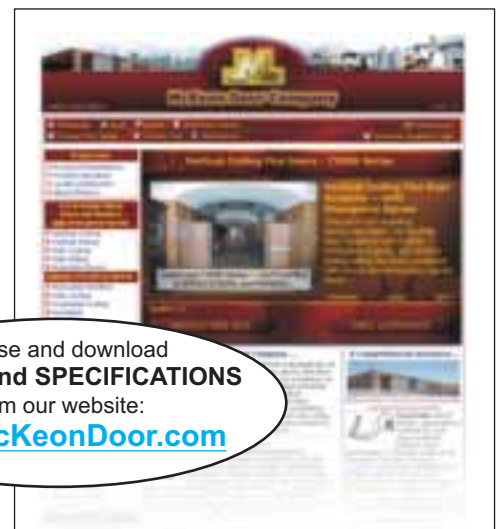


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#### HORIZONTAL COILING SERVICE DOORS

Models HS100 and HSL150

For openings of horizontal and inclined planes. Engineered for daily operation. Available in aluminum, stainless steel and in galvanized with prime paint or powder coated finish any color.



Browse and download  
**DETAILS and SPECIFICATIONS**  
from our website:  
[www.McKeonDoor.com](http://www.McKeonDoor.com)



Additional information also available: AIA Continuing Education Provider Program, Architectural Design Manual, CD with CAD Product Details and Technical Specifications, CD with Product Demonstrations, Videos and more...



## Vertical Coiling Fire Door Systems WITH Emergency Egress

### Safescape® Models T2000 & T2500

**Description:** The automatic resetting Safescape® T2000 Series Fire Door Systems, with built-in emergency egress, are vertical acting coiling fire doors that are available with one or two emergency egress doors.

**Advantages:** Ideal for openings in fire walls in excess of 8' wide x 10' high.

- Swinging emergency doors available up to 48" wide. Accommodate up to a 500 person occupancy load.
- Easy to test and automatically reset.
- No electricity or battery required to operate in the self-closing fire condition mode.
- Retracts into plenum requiring little side room. Swinging emergency doors can be recessed into a wall cavity or pocket.

*Custom designed to any height and width*

**APPROVED UP TO A 3 HOUR FIRE RATING**



## Vertical Acting Fire Door Systems WITH Emergency Egress

### Safescape® T5000 Series

**Description:** The automatic resetting Safescape® T5000 Series Fire Door Systems, with built-in emergency egress are vertical acting, coiling fire doors and are available with multiple swinging type egress doors.

**Advantages:**

- Easy automatic testing and resetting.
- For areas of high occupancy load requirements typically in excess of 3,000 persons.
- The T5000 Series Fire Door Systems require a minimum amount of side room. They require approximately 9 feet of headroom.
- Undetectable in stored, fire-ready position. Requires no electricity or battery when in the self-closing fire condition mode.



Products covered under U.S. Patents:  
5,203,392 - 5,245,879 - 5,386,891 - 5,577,541 - 5,605,185 - 5,673,514 - 5,893,234  
Additional patents are currently pending.

## Side Coiling Fire Door Systems

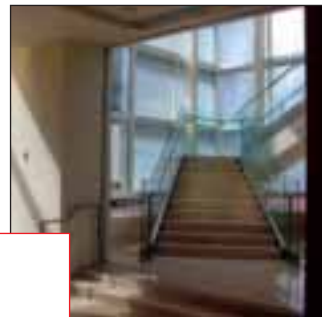
### Auto-Set® Model S4000

**Description:** Automatic resetting S4000 Fire Door Systems are side coiling fire doors that are UL and ITS classified for up to 3 hours. The S4000 Fire Door Systems are side activated which allow the doors to navigate around curves and contoured openings.

Interruption of power or fire alarm automatically triggers the closing sequence. The fail-safe system uncoils the curtain (without electricity or battery) providing fire protection.

#### Advantages:

- The S4000 Fire Door Systems are easy to test and automatically reset.
- Require only 6" of headroom. Can be designed as bi-parting fire door systems.
- Do not require electricity or battery back-up systems when in self-closing fire condition mode.



**S4000 & S9000 Series Fire Door Systems  
Are Available Without Floor Tracks.**

**APPROVED UP TO A 3 HOUR FIRE RATING**



## Side Coiling Fire Door Systems WITH Emergency Egress

### Safescape® Models S9000 & S9500

**Description:** The automatic resetting Safescape® S9000 (with built in emergency egress) can be provided with one or two emergency egress doors on their leading edge.

S9000 Systems are side activated which allows for the doors to navigate around curves and contoured openings.

#### Advantages:

- Easy to test and automatically reset.
- Require only 6" of headroom
- Can be designed as bi-parting, allowing up to a 1,000 person occupancy load.
- Undetectable when in stored fire-ready position.
- Do not require electricity / battery back-up in self-closing fire condition mode.



Products covered under U.S. Patents:  
5,203,392 - 5,245,879 - 5,355,927 -  
5,386,891 - 5,542,460 -  
5,605,185 - 5,673,514 - 5,893,234  
Additional patents are currently pending.



## Side Acting Fire Door Systems

### S7000 Series

**Description:** Available in both manual and motor operated versions, with and without emergency egress doors. Units are fail safe by design and do not require battery back-up when activated in the self-closing fire condition mode.

**Advantages:** The S7000 Series Side Acting Fire Door Systems are easy to test and can be automatically reset.

- Require only 6" of head room, can be designed as bi-parting fire door systems.
- Undetectable in stored fire ready position.
- Some S7000 Series Fire Door Systems are available without floor tracks.
- Navigates around contoured openings. Without egress doors, they can navigate a 24" radius.



This product is covered under U.S. Patents:  
5,203,392 - 5,245,879 - 5,386,891  
5,605,185 - 5,673,514 - 5,893,234  
Additional patents are currently pending.

**APPROVED UP TO A 3 HOUR FIRE RATING**



## Accordion Fire Door Systems

### AC8000 Series

**Description:** Seven accordion fire door system variations. Available in both manual and motor operated and available with and without emergency egress doors. Standard 7" panels for a 9" pocket width or 14" panels for a 16" pocket width.

**Advantages:**

- Easy to test and can be automatically reset.
- Require only 6" of head room- can be designed as bi-parting fire door systems.
- Undetectable in the stored, fire ready position.
- Does not require floor tracks.
- Navigates contoured radius as small as 24". With egress doors they require a 5'-0" radius.



**S7000 & AC8000 Series Fire Door Systems  
Are Available Without Floor Tracks**

This product covered under U.S. Patents:  
5,203,392 - 5,245,879 - 5,386,891 - 5,605,185  
5,673,514 - 5,893,234 - 6,615,894  
Additional patents are currently pending.

## Horizontal Fire and Smoke Rated Shutters

**APPROVED UP TO A 2 HOUR FIRE RATING**

### Models H200 and HL250

**Description:** Motor operated fail-safe unit utilizing the Auto-Set® operator. The unit is driven to the closed position by our patented self-closing mechanism. Tested and approved by UL and ITS up to 2 hour rating. Also available with a smoke and draft rating.

**Advantages:** The H200 is of a compact design and offers design professionals the flexibility of using one horizontal fire and smoke rated shutter in lieu of several conventional roll down fire doors to protect horizontal fire penetrations in a facility.



This product is covered under US Patents:  
5,203,392 - 5,245,879 - 5,355,927 - 5,386,891 - 5,542,460 -  
5,605,185 - 5,673,514 - 5,893,234  
Additional patents are currently pending.



## Counter Fire and Smoke Rated Shutters

### Auto-Set® Model CFS

**Description:** Auto-Set® Counter Fire & Smoke Rated Shutters are available up to 28' 0" wide x 12' 0" high. These units are designed and manufactured to accommodate both interior and exterior applications.

**Advantages:**

- Self closes without electricity or battery back-up
- Requires very little head room and side room
- Easy to test and automatically reset
- Has been tested in accordance with UL 10B as well as UL 1784 and is also available with an "S" label

**APPROVED UP TO A 4 HOUR FIRE RATING**

These units are available in either prime painted galvanized steel, stainless steel or they can be powder coat finished to any color. Hand crank or motor operated.



This product is covered under US Patents: 5,203,392 - 5,245,879  
5,386,891 - 5,605,185 - 5,673,514 - 5,893,234  
Additional patents are currently pending.



## Coiling Fire and Smoke Rated Doors

APPROVED UP TO A 4 HOUR FIRE RATING

### Auto-Set® Model FSFD

**Description:** The Auto-Set® fire door is a vertically acting fire door recommended when fire protection is required but emergency egress is not an issue. UL, FM & ITS classified up to 4 hours.

In the event of a fire alarm, power failure, breaking the fusible link, or activation of the True Test® Panel, the hold open brake is released and the door self-closes without electricity or batteries. The rate of descent is controlled by a centrifugal governor. Once the door is closed and the power is energized, or the alarm signal is cleared, the door will automatically reset without the need for tools or a technician.

#### Advantages:

- Custom built to any height and width
- Self-closes - no electricity or batteries
- Requires very little head & side room
- Easy to test and automatically reset



58 Ft Auto-Set® Model FSFD



## Insulated and Acoustical Fire & Smoke Rated Doors

APPROVED UP TO A 4 HOUR FIRE RATING

### Auto-Set® Models FSFD-IS, FSFD-TR & FSFD-STC

#### Insulated Fire Doors

##### Auto-Set® Models FSFD-IS & FSFD-TR

**Description:** The FSFD-IS is designed for interior or exterior applications where climatic temperature transfer as well as fire rating is an issue. The model FSFD-TR is used in areas where a temperature rise rating is required.

**Advantages:** Both models are provided with the Auto-Set® system. Insulated Fire Doors are compact in design, requiring minimum amount of head room and side room.

#### Acoustical Fire Doors

##### Auto-Set™ Model FSFD-STC

**Description:** Model FSFD-STC is an acoustical coiling fire door. When used in pairs of doors the STC rating can reach up to 48.

**Advantages:** Both fire protection and sound reduction. Both units utilize the Auto-Set® system.



Products covered under US Patents: 5,203,392 - 5,245,879 - 5,386,891  
5,605,185 - 5,673,514 - 5,893,234. Additional patents are currently pending.





## Self-Opening Security Grilles WITH Emergency Egress

### Vertical Coiling Models G1000 & G1500

**Description:** Vertical coiling units intended for use where both security and egress are issues. In an emergency, power failure, fire or smoke alarm, the security grilles move to the fully open position without the use of electricity or batteries. The G1500 includes an integral swinging emergency egress door.

**Advantages:** Self-Opening Grilles provide designers the flexibility of securing large openings while still providing emergency egress.

*When activated, the fail-safe system begins to open the security grille curtain without the aid of electricity or battery back-up...*



## Self-Opening Security Grilles WITH Emergency Egress

### Side Coiling Models G4000 & G4500

**Description:** Where both security and egress are issues. In the event of an emergency, power failure, fire or smoke alarm, the security grilles move to the fully open position. No electricity or battery back up systems. The G4500 includes an integral swinging emergency egress door.

**Advantages:** Self-Opening Grilles provide designers the flexibility of securing large openings while still providing emergency egress.



*G4500 Series Grilles allow Emergency Egress while fully closed.*



Products covered under US Patents: 5,203,392 - 5,245,879 - 5,386,891 - 5,542,460  
5,605,185 - 5,673,514 - 5,893,234. Additional patents are currently pending.



## Horizontal Coiling Service Doors

### Models HS100 and HSL150

**Description:** Designed to close openings in horizontal and inclined planes. Primarily motor operated, engineered for daily operation.

**Advantages:**

- Compact design.
- Use a single door rather than many
- Variety of finishes



Horizontals are custom designed to meet the most stringent demands and requirements.

## Hurricane Service Doors

### Model H3000

**Description:** Designed for the largest of openings. Built of up to 14 gauge steel or stainless steel curtains. Individual curtain slat height is 6" and depth is 1 3/8". Hurricane Service Doors can be constructed up to 100' in width and over 100' in height.

**Advantages:** Hurricane Service Doors are by far the most durable coiling doors manufactured. They are available in designs that allow them to sustain extremely high wind loads and heavy impact from flying debris.



*70 Foot wide Hurricane Door provides the necessary protection without limiting daily business operations*

**Available Up To 100 Feet in Width**



Patent Pending

## Side Coiling Doors and Grilles

### SC3000 Series

**Description:** Side activated closures designed with curtains constructed of solid curtain slats, perforated curtain slats or of a security open type grille curtain. Opened and closed with a positive action system .

**Advantages:**

- Low head and side room requirements.
- Navigates small radius.
- Lightweight.
- Optional floor tracks.



## Coiling Security Grilles and Perforated Doors

### SG3000 Series

**Description:** Vertical coiling units comprised of vertical links and horizontal rods available in motor, hand crank, hand chain and push up operation. Available in stainless steel, steel, aluminum. Variety of finishes.

**Advantages:** McKeon Door offers 8 standard grille patterns. Our units reduce head and side room requirements 30% - 40% compared to conventional coiling security grilles. Drives can be remote, reducing head room requirements by several inches.



Available Up To 60 Feet in Width

Patent Pending

## Coiling Counter Shutters

### CS3000 Series

**Description:** Designed for both interior and exterior applications and for protection and security. Available up to 28' -0" wide x 12' -0" high. Interior and exterior applications. Available in push-up, manual hand crank or motor operation.

**Advantages:**

- Heavy Duty Design for maximum security
- Requires very little head room and side room
- Easy & smooth operation for everyday use
- Many finishes available



## Coiling Service Doors

### Model SD3000

**Description:** Service Doors are custom designed to accommodate any opening size. These doors are available in prime painted galvanized steel, aluminum, stainless steel or can be powder coat finished to any color requirement.

**Advantages:** Service Doors utilize less head and side room than other products such as swinging or sliding type doors. More security, highly durable - easy to repair and maintain. For exterior and interior use. Ideal where durability, frequent cycling, or severe weather exposure is an issue. Many finishes available.



Available Up To 100 Feet in Width

Patent Pending

## Coiling Insulated Service Doors

### Model IS3000

**Description:** Insulated with foamed-in-place polyurethane providing an R value of 6.25. Available in prime painted galvanized steel, aluminum, stainless steel or can be powder coat finished to any color requirement.

**Advantages:** Insulated Service Doors are ideal for energy conservation and protection against the elements.

Insulated Service Doors are available with 16, 18, 20 and 22 gauge curtain front panels and 18, 20 and 22 gauge back panels.



Available Up To 100 Feet in Width

Patent Pending

## FIRE, SMOKE, SECURITY and EMERGENCY EGRESS DOOR SYSTEMS



### Fire and Smoke Rated Doors With Emergency Egress

Vertical Coiling Fire Doors  
Vertical Acting Fire Doors  
Side Coiling Fire Doors  
Side Acting Fire Doors  
Accordion Folding Fire Doors

### Fire and Smoke Rated Doors Without Emergency Egress

Horizontal Fire Shutters  
Side Coiling Fire Doors  
Overhead Coiling Fire Doors  
Insulated Fire Doors  
Acoustical Fire Doors  
Counter Fire Shutters

### Non-Fire Rated Service Doors and Grilles

Self-Opening, Vertical Coiling  
Self-Opening, Side Coiling  
Side Coiling Doors and Grilles  
Insulated Service Doors  
Hurricane Doors  
Coiling Security Grilles  
Horizontal Coiling Service Doors  
Coiling Security Grilles w/ Egress  
Coiling Service Doors  
Coiling Counter Shutters  
Perforated Service Doors



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Additional information also available: AIA Continuing Education Provider Program, Architectural Design Manual, CD with CAD Product Details and Technical Specifications, CD with Product Demonstrations, Videos and more...

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