SMOKESHIELD® ELEVATOR

Models ERF10

Top Product of 2019

ARCHITECTURAL RECORD

Building Systems and Components

ICC ES

THE MOST DESIGN FORWARD HOISTWAY SMOKE ENCLOSURE AVAILABLE

LIMITLESS DESIGN FREEDOM

We've applied nearly 100 years of experience in life safety and fire protection to help innovate SmokeShield Elevator. This hoistway closure makes it possible to eliminate the IBC Elevator lobby requirement, and allows the design visionary to pursue more spacious and unique layouts in areas typically requiring elevator lobbies.

SAFETY

SmokeShield Elevator's patented GuideLock™ technology positively re-seals the hoistway after cycling, while the transparency and graphic designs of the curtain itself is both instructional and intuitive for the user in an emergency situation. This is important, because if re-seal does not occur, smoke will migrate and create preventable damage.

AESTHETICS

SmokeShield Elevator is the most design-adaptable hoistway smoke enclosure in the industry. SmokeShield Elevator's design versatility is evident in masonry, dry-wall or other fascia materials, offering the broadest range of mounting possibilities. Any exposed guides or bottom bars can be finished to match, complement, or contrast their surroundings with custom powder coating, or our proprietary #4 brushed stainless matching guide anodized option.

SECURITY

SmokeShield Elevator's headroom, backroom and sideroom requirements are some of the smallest on the market. Additionally, the control box and battery backup are invisibly located within the headbox.

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CORNELL
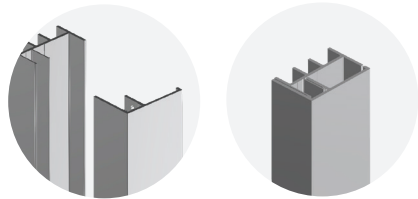Innovative door solutions.®

SMOKESHIELD ELEVATOR KEY FEATURES:

ADDITIONAL AVAILABLE SPACE
SmokeShield Elevator fits into less than 10" of headroom for hoistway openings up to 12' hight and 12' wide
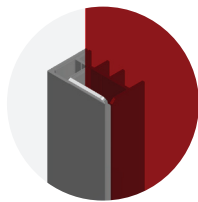
NO VISIBLE FASTENERS
Our unique guide components seamlessly fit together

CURTAIN RESEALS ELEVATOR
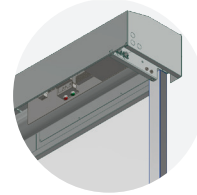Every time after cycling as a result of our patented GuideLock technology

ADDED CONVENIENCE
A time delay prevents activation during brief power outages

EASY WIRING CONNECTIONS
115V line connection and 24V alarm connection with accessible buttons for alarm and battery connections

INTUITIVE GRAPHICS
For evacuees and emergency responders ensures simple operation

SUPERIOR VISIBILITY
Through the curtain's transparent material provides an increased safety margin for firefighters and EMTs

INTUITIVE OPERATION
Optimally positioned open switch is factory mounted to both sides

BACK-UP
ADA compliant lift strap

OPERATION

SmokeShield Elevator deploys upon notification by the fire alarm control panel or local smoke detectors and is re-opened by pushing the curtain-mounted switch or, in the event of complete power loss, by simply lifting the Emergency Lift Strap located at the bottom of the curtain. Patented Guide lock technology ensures a complete hoistway perimeter seal after every cycle.

SmokeShield Elevator automatically resets and auto-opens after the alarm is cleared.

STANDARD

▶ **10 Hour Battery Backup -** Capable of cycling the system for up to 10 hrs after power failure.

OPTIONAL

▶ **Wire Directly:** To building backup power source
▶ **Finishes:** Standard RAL and custom powder coat finishes and anodized guide finish to match # 4 brushed stainless steel.

Complies with:
▶ IBC 2003, 2006, 2009, 2012, 2015, 2018
▶ ICC-ES Report AC - 77
Listed:
▶ UL 1784 ▶ UL 325
▶ ASTM E84 ▶ UL 864

CUSTOM-DESIGNED SOLUTIONS

Contact our experienced Architectural Design Support Team for help in customizing our products to fit your specific application.

🌐 www.architectdoorhelp.com