SMOKE PROTECTIVE CLOSURES

SMOKESHIELD® ELEVATOR

Model ERF10

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 are both instructional and intuitive for the user in an emergency situation. Resealing is important, because if it does not occur, smoke will migrate and cause damage.

AESTHETICS

SmokeShield Elevator is the most design-adaptable hoistway smoke enclosure in the industry. Its design versatility is evident in masonry, drywall, 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 hidden within the headbox.

CornellCookson, LLC. is an ISO 9001:2015 registered company
7.2025

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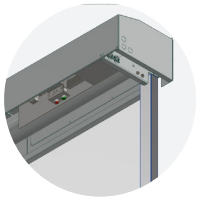
SMOKESHIELD ELEVATOR KEY FEATURES:

ADDED CONVENIENCE
A time delay prevents activation during brief power outages

ADDITIONAL AVAILABLE SPACE
SmokeShield Elevator fits into less than 10" of headroom for hoistway openings up to 12' height and 12' wide

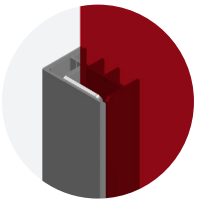
EASY WIRING CONNECTIONS
115V line connection and 24V alarm connection with accessible buttons for alarm and battery connections

NO VISIBLE FASTENERS
Our unique guide components seamlessly fit together



INTUITIVE GRAPHICS
For evacuees and emergency responders to ensure simple operation

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



SUPERIOR VISIBILITY
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 AND MOUNTING REQUIREMENTS

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 GuideLock technology ensures a complete hoistway perimeter seal after every cycle.

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

Interior mount only.

STANDARD

- **Battery Backup:** Capable of holding door open for up to ten hours and operating the door for up to four hours 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 - PRESENT
- ICC-ES Report AC - 77

Listed:
- UL 1784
- ASTM E84
- UL 325
- UL 864

CUSTOM-DESIGNED SOLUTIONS

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

www.architectdoorhelp.com