

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 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 allowing guides to be easily concealed in wood, masonry, sheetrock 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, faux finishes, or a unique stainless matching guide anodization option.

SPACE

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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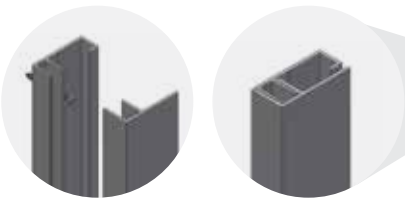
SMOKESHIELD ELEVATOR KEY FEATURES:

ADDITIONAL AVAILABLE SPACE

Smokeshield Elevator fits into less than 10" of headroom for hoistway openings up to 12' high and 12' wide

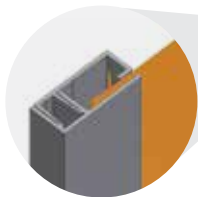
NO VISIBLE FASTENERS

Our unique guide components seamlessly snap 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

MINIMAL CLEARANCES NEEDED

Control/junction box and batteries are undetectable inside head box



INTUITIVE GRAPHICS

for evacuees and emergency responders ensures simple operation

HIGH VISIBILITY

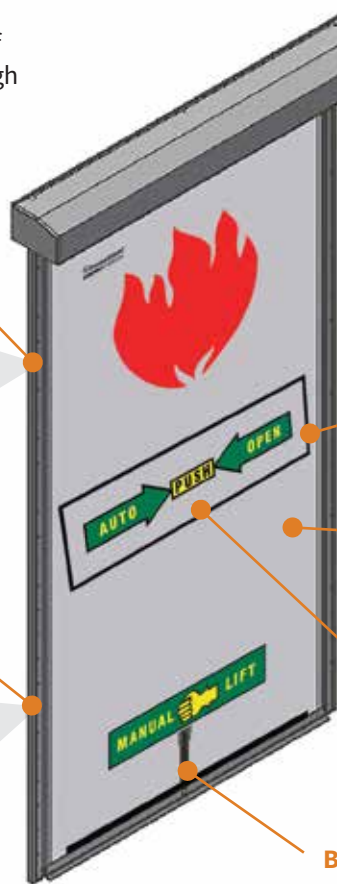
through the curtain's transparent material provides an increased safety margin for firefighters and EMTs

QUICK OPENING

Optimally positioned open switch is factory mounted to both sides

BACK-UP

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

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

STANDARD

► **24 Hour Battery Backup:** Capable of cycling the system for up to 24 hrs.

OPTIONAL

► **Wire Directly:** To emergency back-up source.

► **Finishes:** Custom powder coat to match architectural finishes and stainless anodized finish guides to match stainless elevator jams.

Complies with:

IBC 2003, 2006, 2009, 2012, 2015, 2018

Complies with:

► ICC-ES Report AC - 77

Listed:

► UL 1784

► UL 325

► ASTM E864

CUSTOM-DESIGNED SOLUTIONS

Contact our experienced Architectural Design Support Team

for help in customizing our products to fit your specific application. Call

800.233.8366 ext. 4551 • architecturalsupport@cornellcookson.com

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