SMOKE **S G** GUARD®

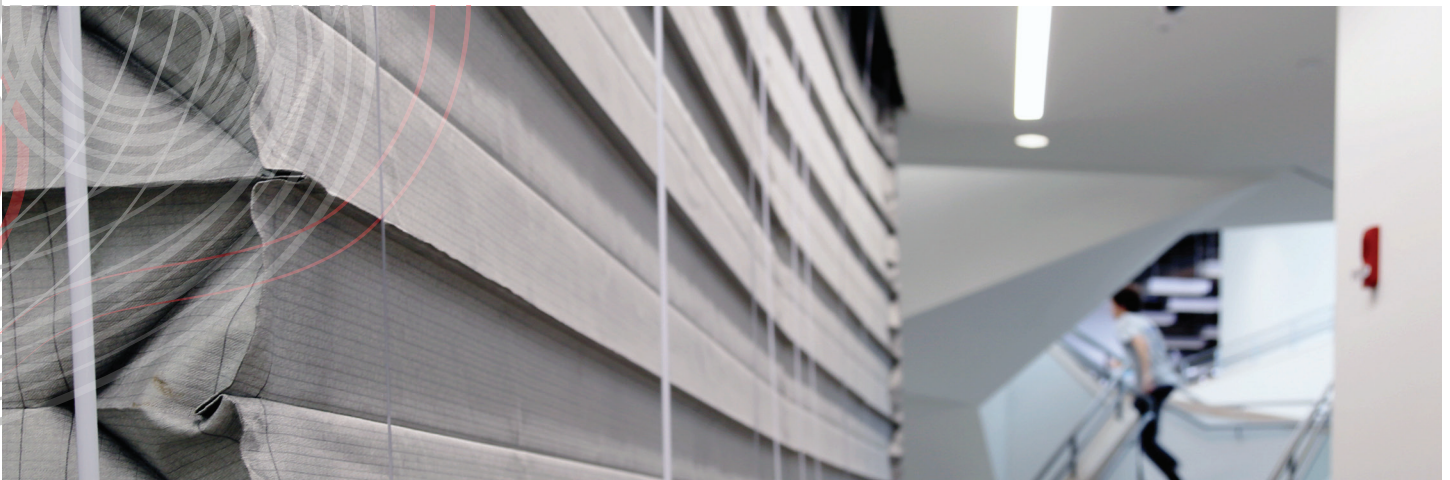fire + smoke opening protectives

PRESS HERE TO OPEN

**PERIMETER**
**HORIZONTAL**
**VERTICAL**
**EGRESS**
**ELEVATOR**
**DEPLOYABLE DRAFT**
**STATIC DRAFT**
**WINDOW**

smokeguard.com

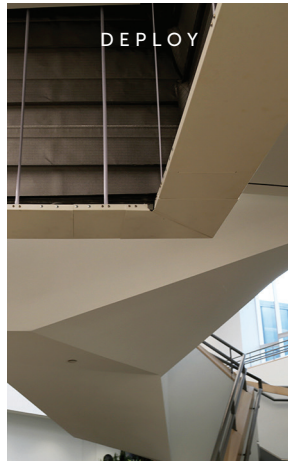*reimagine* space-consuming elevator vestibules and lobbies



*reduce* or eliminate costly mechanical smoke evacuation systems
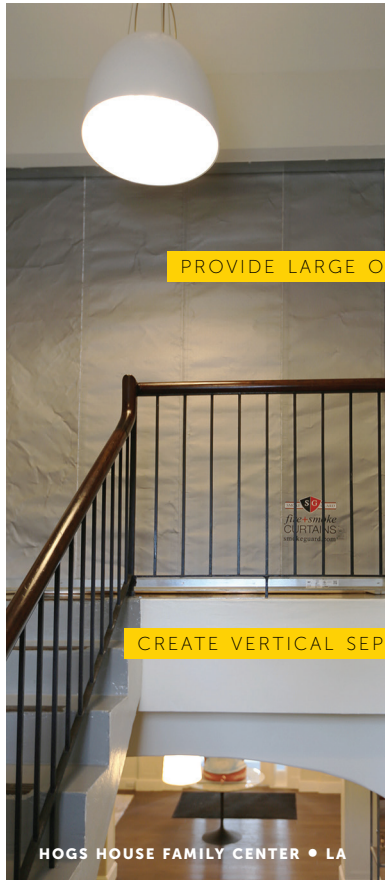


SMOKE **S G** GUARD

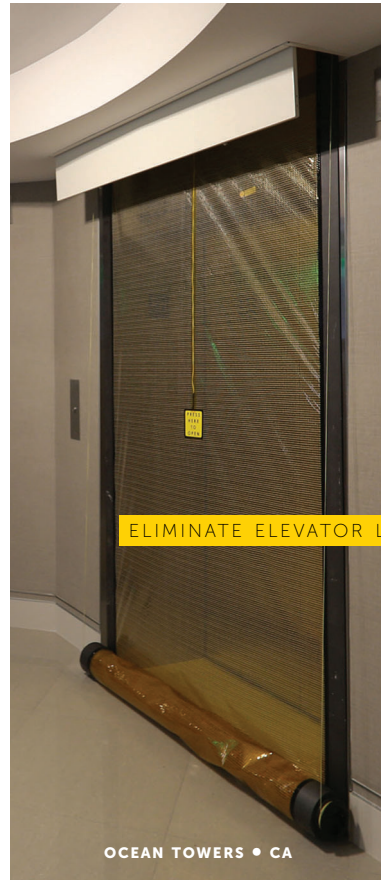*rethink* your code-compliant approach

## PERIMETER



READY

ENCLOSE WITHOUT CORNER POSTS

DEPLOY

UNIVERSITY OF MICHIGAN • MI

## HORIZONTAL



DIVIDE AN ATRIUM HORIZONTALLY

THE UNIVERSITY OF IDAHO • ID

DEPLOY FIRE-RATED SEPARATION

READY

DEPLOY

## VERTICAL



READY

PROVIDE LARGE OPENING PROTECTION

READY

CREATE VERTICAL SEPARATION

HOGS HOUSE FAMILY CENTER • LA

## ELEVATOR



READY

ELIMINATE ELEVATOR LOBBIES

OCEAN TOWERS • CA

DEPLOY

# STATIC DRAFT

FORM A SMOKE RESERVOIR

| APPLICATION | PRODUCT DESCRIPTION | OPENING DIMENSIONS | | STANDARDS AND CODES |
|---|---|---|---|---|
| PERIMETER | **M4000:** Fire + smoke-rated, pleated, no corner posts required, optional *"Super Sensor"* obstruction sensor, battery backup. | MINIMUM<br>6' w x 1' 6" H | MAXIMUM<br>220' w x 15' H | UL 10B*, UL 10C*, UL 10D*, UL 864*, NFPA 252*, ASTM E 84* |
| HORIZONTAL | **M3000:** Fire + smoke-rated, footbox and headbox send-receive deployment, horizontal side guides, battery backup. | MINIMUM<br>3' w x 6' L | MAXIMUM<br>24' w x 30' L | UL 10B*, UL 10C*, UL 10D*, UL 864*, NFPA 252*, ASTM E 84* |
| VERTICAL | **M2500:** Fire- and smoke-rated options, side guides, battery backup, external control unit. | MINIMUM<br>6' w x 1' 6" H | MAXIMUM<br>60' w x 12' H**<br>40' w x 20' H** | UL 10B*, UL 10C*, UL 10D*, UL 864*, UL 1784*, NFPA 105*, NFPA 252*, ASTM E 84* |
| | **M2100:** Fire- and smoke-rated options, side guides, battery backup, external control unit. | MINIMUM<br>3' w x 1' 6" H | MAXIMUM<br>16' w x 12' H | |
| EGRESS | **M2500:** Fire- and smoke-rated, side guides, battery backup, external control unit. | MINIMUM<br>6' 6" w x 8' H | MAXIMUM<br>60' w x 12' H**<br>40' w x 20' H** | UL 10B*, UL 10C*, UL 10D*, UL 864*, UL 1784*, NFPA 105*, NFPA 252*, ASTM E 84* |
| ELEVATOR | **M600:** Smoke-rated, magnet-based gasketing system. Manual egress via screen mounted switch or less than 15lbs of force. Custom sizes, optional rails, controls in the housing. Battery backup, external trouble indicators, fail safe, auto retract. | MINIMUM<br>3' w | MAXIMUM<br>8' w x 10' H | UL 864*, UL 1784*, NFPA 105* |
| | **M400:** Smoke-rated, magnet-based gasketing system. Manual egress via a screen mounted switch or less than 15lbs of force. Optional rails, controls in the housing. Fail safe deployment on power loss, auto retract. | MINIMUM<br>2' 10" w | MAXIMUM<br>5' w x 10' H**<br>4' 3" w x 12' H** | |
| | **M200:** Smoke-rated, magnet-based gasketing system. Manual egress via a screen mounted switch or less than 15lbs of force. Standard full length aux. rails, controls in the housing. Fail safe deployment on power loss. | 42" w x 10' H<br>48" w x 10' H<br>ONLY | | |
| DEPLOYABLE DRAFT | **M2500:** Fire- and smoke-rated options, battery backup, external control unit. | MINIMUM<br>6' w x 1' 6" H | MAXIMUM<br>60' w x 10' H** | UL 10B*, UL 10C*, UL 10D*, UL 864*, UL 1784*, NFPA 105*, NFPA 252*, ASTM E 84* |
| | **M2100:** Fire- and smoke-rated options, battery backup, external control unit. | MINIMUM<br>3' w x 1' 6" H | MAXIMUM<br>16' w x 12' H | |
| STATIC DRAFT | **SGDraft:** Smoke-rated, clip attachments (no frames), bolted assembly (requires no sewing) | MINIMUM<br>unlimited** | MAXIMUM<br>unlimited** | ASTM E 84* |
| WINDOW | **M1000:** Fire-rated window protection, side guides, deployed by fusible link. | MINIMUM<br>3' w | MAXIMUM<br>8' w x 8' H | UL 10B*, UL 10C* |

**UL 10B** "Fire Tests of Door Assemblies" (20 min.) listed by Intertek **| UL 10C** "Positive Pressure Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek **| UL 10D** "Fire Tests for Fire Protective Curtains" (up to 2 hr.) listed by Intertek **| UL 864** "Control Units for Fire Protective Signaling Systems" listed by Intertek **| UL 1784** "Air Leakage Tests of Door Assemblies" listed by Intertek **| NFPA 105** "Installation of Smoke Control Door Assemblies" **| NFPA 252** "Standard Methods of Fire Test of Door Assemblies" (20 min.) **| ASTM E 84** Class A "Surface Burning Characteristics of Building Materials"

*\* UL standards testing performed by Intertek testing laboratories \*\* Dependent on system configuration, consult Smoke Guard Customer Service or Local Distributor for details*