Made in the USA

SMOKE GUARD® *system*

Model 1000

Vertical Fire Curtains

System Description. The Smoke Guard system Model 1000 (M1000) is a fire-rated assembly designed to protect window openings as an element of a fire control system. The M1000 consists of a flexible fire-rated fabric curtain assembly mounted within a steel housing. The curtain is captured vertically on both sides by a guide assembly and is equipped with a bottom bar to seal the curtain at the base. The system may be ceiling-mounted, but is typically mounted inside a window frame, on a wall over a window, or to a wall. The side guides are secured to the walls on either side of the opening and may be surface mounted or embedded for smooth finish walls. RAL colors available.

Dimensions

- Openings: ≤ 8' wide by ≤ 8' tall
- Housing height: 6.25"
- Housing depth: 6"

Standards

- UL 10B "Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek (fire-rated assemblies)
- UL 10C "Positive Pressure Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek (fire-rated assemblies)
- UL 10D "Fire Tests for Fire Protective Curtains" (2 hr.) listed by Intertek
- NFPA 252 "Standard Methods of Fire Tests of Door Assemblies" (20 minute)
- NFPA 80 Chapter 21

Applications. The M1000 fulfills a niche ignored by most other products. As an alternative means of providing a fire-rated passive system, the M1000 may be used; in conjunction with fire control systems, on its own to protect areas where a fusible link release system is appropriate, or at exterior windows as protection against radiant heat.

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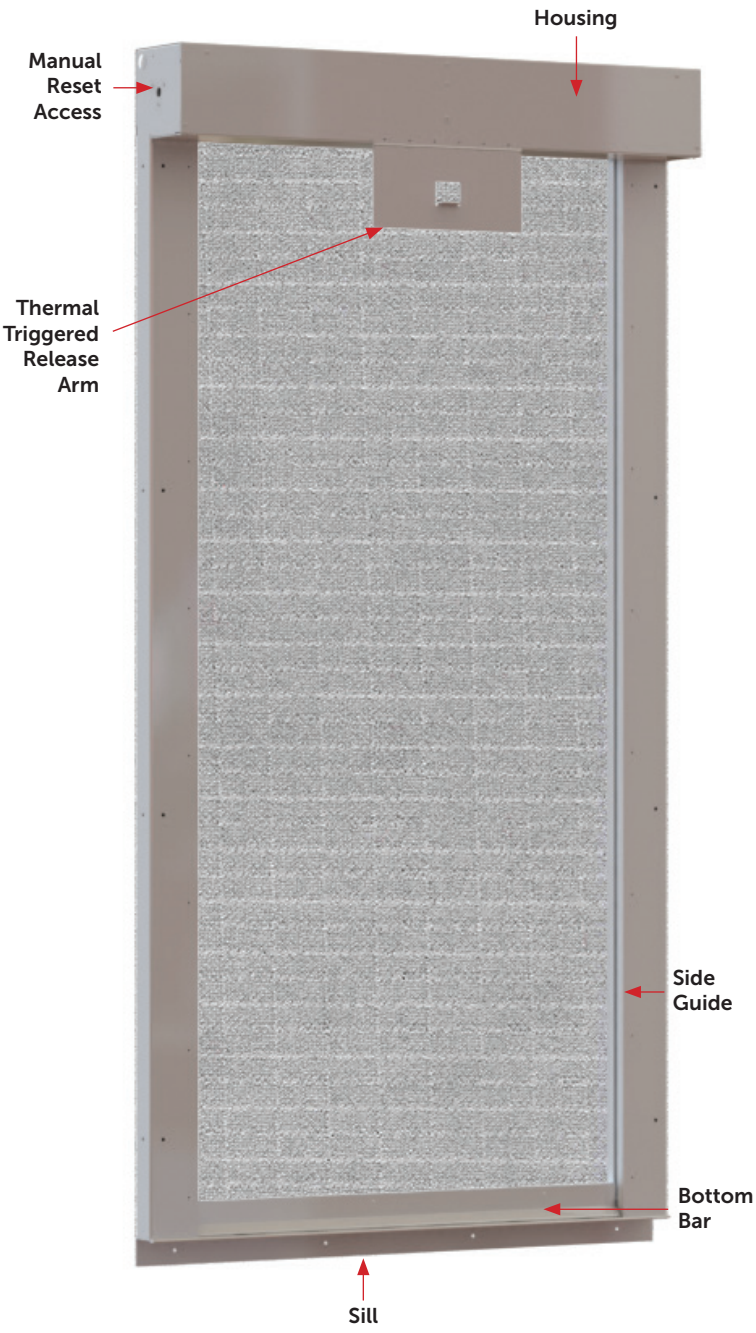

Codes and Standards. M1000 fulfills IBC requirements to provide an opening protective, where these assemblies are permitted as passive barriers used in conjunction with fire control systems. This fire-rated curtain system can serve as opening protective for counter tops, windows, and certain applications in atrium construction.

System Operation. The system is released by a UL Listed fusible link at 165º F and is retracted manually.

Unit Dimensions. The M1000 is available in custom widths to protect openings up to 8 feet high and 8 feet wide. Consult smokeguard.com or your local distributor for detailed information on this product.

Installation. All Smoke Guard system units are to be installed by factory recognized installation personnel. Preparation work required by others is outlined in the product specification. Installation requires clear, plumb, unobstructed wall surfaces for mounting the side guides.

Smoke Guard and Your Project

- ☐ Check for clearance/obstructions issues on, above, and surrounding the opening
- ☐ Field verify opening measurements prior to ordering systems
- ☐ Ensure that the bottom of the M1000 housing remains unobstructed, not buried, to ensure deployment

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