



SMOKE GUARD® *system*

Model 3000

Horizontal Fire Curtain



System Description. The Smoke Guard Model 3000|horizontal (M3000) is a code-compliant fire-rated assembly designed to function as a deployable opening protective in horizontal building penetrations. M3000 comes in a standard galvanized finish. RAL powder coat color options are available.

Codes and Standards. M3000 fulfills IBC requirements to provide an opening protective. This fire-rated curtain system can serve as an opening protective in atrium and light well applications.

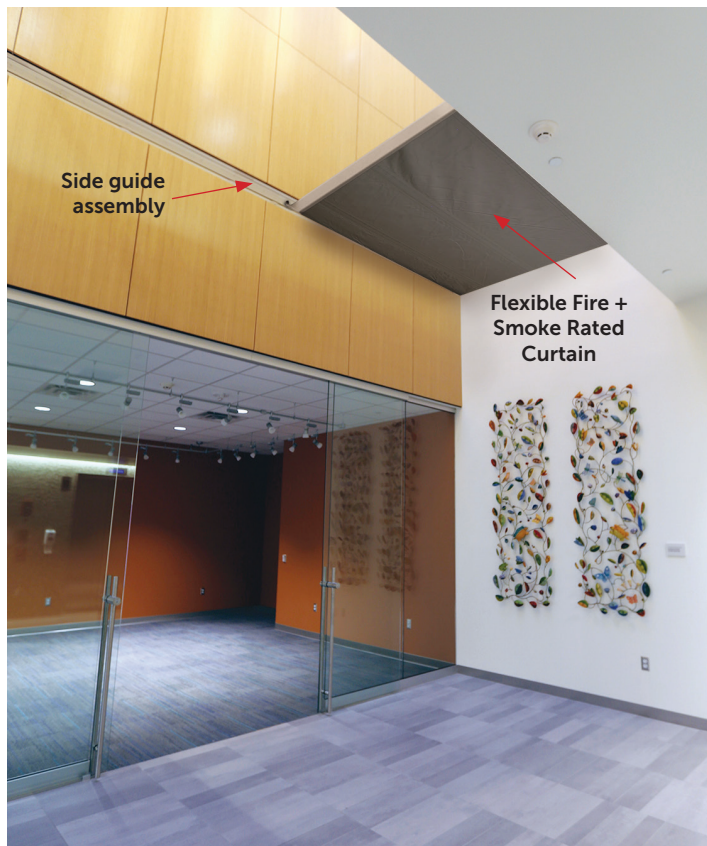


Dimensions

- Headbox: 10 7/8" high by 14 1/8" deep
- Footbox: 11" high by 12" deep
- Side guide: 7 1/2" high by 8 1/2" wide for openings up to 24' wide by 30' long

Standards

- UL 10B "Standard for Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek (fire-rated assemblies)
- UL 10C "Standard for Positive Pressure Fire Tests of Door Assemblies" (20 min. without hose stream) listed by Intertek (fire-rated assemblies)
- UL 10D "Standard for Fire Tests for Fire Protective Curtains" (2 hr.) listed by Intertek (fire-rated assemblies)
- UL 864 "Standard for Control Units and Accessories for Fire Protective Signaling Systems" listed by Intertek (both smoke and fire-rated assemblies)
- NFPA 252 "Standard Methods of Fire Tests of Door Assemblies" (20 min.)



Side guide assembly

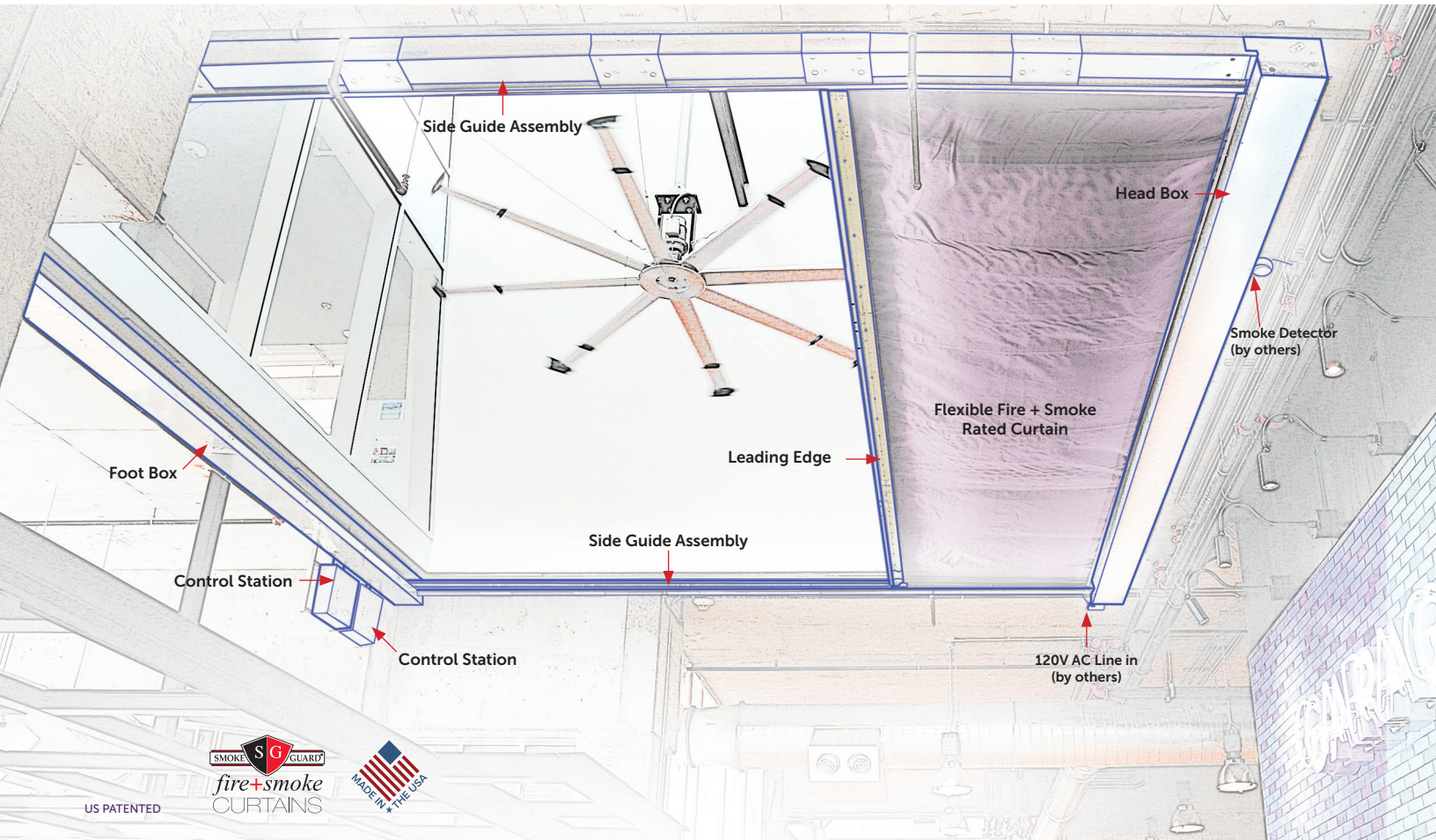
Flexible Fire +
Smoke Rated
Curtain

We believe life safety is a beautiful thing.



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System Operation. The system is deployed upon a signal from the local smoke detection system or a smoke control panel. System requires 120 or 240 volt AC. The unit is also equipped with a 24 volt DC battery back-up system that maintains the electronic controls. When required the system can be connected to building standby power. The controls include a universal power supply that supports either 230 or 240 volt operation.

Installation. The system is typically installed below a floor deck and anchors vertically to the deck on all four sides of the opening. 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, level, unobstructed deck surfaces for mounting the unit, 120-240 volt power and, should local smoke detection be required, a smoke detector.

Smoke Guard and Your Project

- Check for clearance/obstructions issues on, above, and surrounding the opening (sprinklers, HVAC, etc.)
- Field verify opening measurements prior to ordering systems
- Requires 120 or 240 volt amp circuit at both headbox and footbox
- Ensure that fire alarm system has local normally open auxiliary contacts available
- Ensure all HVAC/smoke evacuation systems off when curtain is moving