



LISTING INFORMATION OF Smoke Guard® Model 4000

SPEC ID: 32932

Smoke Guard, Inc.
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Boise, ID 83704

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Product Covered:

Smoke Guard Model M4000 curtain assembly.

Product Description:

The Smoke Guard M4000 systems consist of smoke resistance rated filament glass fabric (SGTex-33) wound onto a tube containing an internal drive system. Contained in a sheet metal housing, the curtain assembly is comprised of support rollers and associated electronics. The curtain edges are captured in vertical side guides during system deployment and the bottom edge of the curtain is attached to a weighted bottom bar. If the system encounters an alarm, the releasing device activates deploying the curtain. In the event of main power failure, an integrated battery system maintains the system. Should main and backup power systems fail, the curtain will deploy in a controlled manner under the influence of gravity (Gravity Fail Safe). If required, wall switches are provided on each side of the curtain, allowing occupants to momentarily raise the curtain to egress. After the alarm condition clears, the curtain automatically rewinds into the housing.

The following qualifications pertain to the Smoke Guard Model M4000 system with SGTEx-33 curtain only.

120 minute fire endurance per UL 10D (2009).

20 minute fire endurance without hose stream per UL 10B (2009), UL 10C (2009), and NFPA 252 (2008).

The UL 10B, UL 10C, and NFPA 252 standards apply to 20 Minute Fire Endurance ratings without hose stream only. Please note that acceptance of the UL 10B, UL10C, and NFPA 252 ratings for the fire curtain product noted above is ultimately at the discretion of the Authority Having Jurisdiction.

SIZE LIMITATIONS

Certification Procedure	Maximum Area	Maximum Width	Maximum Height
LABEL (Tested)	100 sq ft*	10'-0"	10'-0"
CERTIFICATE/LABEL	unlimited**	unlimited**	unlimited**

*The tested opening was 100 sq. ft. (10' by 10'), however, the tested curtain assembly was actually three sided, projecting from the wall assembly by 19" with two 90 degree corners. Therefore, two sides of the tested curtain were 19" wide by 10' high, and the front face was 10' wide by 10' high.

**The AHJ may approve oversize doors with no size limitation based on an oversized certificate/label that states the door supplied is constructed in accordance with the certified design except for the size.

<u>Attribute</u>	<u>Value</u>
Criteria	NFPA 252 (2008)
Criteria	UL 10(c) (2009)
Criteria	UL 10(b) (2009)
Criteria	UL 10(d) (2009)
Criteria	NFPA 252 (2012)
CSI Code	08 30 00 Specialty Doors and Frames
CSI Code	08 34 00 Special Function Doors
Fire Resistance	20 Min w/out Hose Stream NP
Fire Resistance	2 Hour Positive Pressure
Fire Resistance	20 Min w/out Hose Positive Pressure
Intertek Services	Certification
Listed or Inspected	LISTED
Listing Section	MISCELLANEOUS FIRE BARRIERS
Report Number	101427924MID-001
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Verification Test Type	FTIR