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LISTING INFORMATION OF  
**McKeon Model D400 90 Minute Opening Protective  
Assembly with Hose Stream**  
SPEC ID: 58414

McKeon Door Company  
44 Sawgrass Drive  
Bellport, NY 11713  
United States

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## LISTING INFORMATION

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McKeon Model D400 90 Minute Opening Protective Assembly with Hose Stream.

### FIRE RATINGS

Test Standard	Rating <sup>a</sup>
UL 10B, NFPA 252	90 minutes with hose stream

<sup>a</sup>Assembly must be installed in a listed steel stud/gypsum or masonry wall matching or exceeding the desired door rating.

### AIR LEAKAGE RATINGS

Test Standard	Test Type	Rating <sup>b,c</sup>
UL 1784	Ambient Temperature	≤3.0 cfm/ft <sup>2</sup> at up to 0.10 in. of w.c.
UL 1784	Elevated Temperature	≤3.0 cfm/ft <sup>2</sup> at up to 0.10 in. of w.c.

<sup>b</sup>This assembly was evaluated with an artificial bottom seal. The assembly is not to be installed in areas where pressurization is provided to control smoke movement in accordance with Section 4.3.2 of NFPA 105 (2019) or for hoistway opening protection and lobby doorways where prohibited in Chapter 30 of the 2018 IBC.

<sup>c</sup>A pair of two-inch brushes are required at the headbox and a single one-inch brush is required at each side guide to meet air leakage ratings. Brushes must be listed & labeled for fire applications.

### MAXIMUM SIZE LIMITATIONS\*\*\*

Certification Procedure	Area	Width	Height
LABEL*	120 sq ft	12' 0"	10' 0"
OVERSIZE CERTIFICATE/LABEL**	3200 sq ft	80' 0"	40' 0"

\*Assemblies exceeding these dimensions must have an oversize label, issued by Intertek, stating the assembly is constructed in accordance with the certified design except for size. Acceptance of the oversize assembly is at the discretion of the Authority Having Jurisdiction.

\*\*Maximum size is based on manufacturing capabilities for an assembly consisting of a single roller and single curtain.

\*\*\*Fire only assemblies do not have a minimum size.

### MINIMUM SIZE LIMITATIONS (UL 1784 ONLY)

Area	Width	Height
49 sq ft	7' 0"	7' 0"

Minimum Bottom Bar weight: 3.6 lbs per ft. or 0.3 lbs per sq ft. of curtain area

No curtain overlap or egress openings allowed.

Side Guide Anchorage: 1/4" anchors spaced maximum 18" on-center

Top Hood/Assembly Mounting: maximum 24" on-center

Attribute	Value
Criteria	UL 1784 (2015)

Criteria	UL 10(b) (R2015)
Criteria	NFPA 252 (2017)
CSI Code	08 30 00 Specialty Doors and Frames
Fire Resistance	90 Min Neutral Pressure
Intertek Services	Certification
Issue Status	1
Listed or Inspected	LISTED
Listing Section	MISCELLANEOUS FIRE BARRIERS
Listing Section	SMOKE CONTROL DOOR ASSEMBLIES
Report Number	104353762, 104431910
Spec ID	58414
Verification Test Type	FTIR
Verification Testing	YES
Verification Testing Lab	MID - Middleton, WI

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