



LISTING INFORMATION OF

# McKeon Vertical Rolling Steel Doors, Models - CFS, FSFD, FSFD-IS, FSFD-TR, Dynamic 110F & SafeSpace 500F

SPEC ID: 29543

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

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# LISTING INFORMATION

## FIRE & SMOKE CONTROL DOOR ASSEMBLIES

Vertical Rolling Steel Doors, Models - CFS, FSFD, "Insulated Profile" FSFD-IS, Dynamic 110F, and SafeSpace 500F for installation as a Fire & Smoke-control door assembly and Model FSFD-TR for Temperature Rise. May incorporate vision panels.

The Auto Set Fire Door (3" Flat Slat), Insulated Fire Door (Insulated Profile), Auto Set Fire Shutter (1-1/4" Profile), Dynamic 110F (F3D Profile), and SafeSpace 500F (ID Profile) are fire rated for 4 hour, 3 hour, 1-1/2 hour, 1 hour, and 3/4 hour per UL 10B.

For 4 hour and 250 or 450 degree temperature rating two Insulated Fire Door assemblies shall be installed back to back (see details below).

FSFD-TR temperature rise rating of "Less then 650 degrees" when used singly in a masonry wall opening, a temperature rise rating of "Less then 450 degree" when installed back to back on both the inner and outer side of a masonry or drywall opening, and a temperature rise rating of "Less then 250 degree" when installed back to back on both the inner and outer side of a masonry or drywall opening with a minimum wall thickness (air gap) of 13 inches between the doors.

The Auto Set Fire Door (3" Flat Slat), Insulated Fire Door (Insulated Profile), Auto Set Fire Shutter (1-1/4" Profile), FSFD-TR, Dynamic 110F (F3D Profile), and SafeSpace 500F (ID Profile) meet the requirements for Smoke and Draft Control per UL 1784.

## SIZE LIMITATIONS

- Auto Set Fire Door (3" Flat Slat)
- Insulated Fire Door (Insulated Profile)
- Auto Set Fire Shutter (1-1/4" Profile)
- Dynamic 110F (F3D Profile)
- SafeSpace 500F (ID Profile)

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Certification Procedure	Maximum Area	Maximum Width	Maximum Height
LABEL	156 sq ft	13'-0"	12'-0"
CERTIFICATE/LABEL	unlimited*	unlimited*	unlimited*

\*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.

## CODE COMPLIANCE RESEARCH REPORT

Evaluation Method	Building Code	CCRR Number
NFPA 252, UL 10B, UL 10C, CAN/ULC S104, and UL 1784	2018, 2015, and 2012 IBC 2018, 2015, and 2012 IFC 2017 FBC (Section 9) 2013 Abu Dhabi International Building Code (ADIBC)	CCRR-1086

Attribute	Value
Code Reports	Yes
Criteria	UL 1784 (2009)

Criteria	NFPA 252 (2012)
Criteria	CAN / ULC S104 (2015)
Criteria	UL 10(b) (R2015)
CSI Code	08 11 00 Metal Doors and Frames
CSI Code	08 30 00 Specialty Doors and Frames
CSI Code	08 35 13.23 Accordion Folding Fire Doors
Fire Resistance	1 Hour Fire Rating
Fire Resistance	3 Hour Fire Rated
Fire Resistance	4 Hour Fire Rated
Fire Resistance	90 Minute Fire Rated
Fire Resistance	45 Minute Fire Rated
Intertek Services	Certification
Intertek Services	Code Compliance Research Report
Listed or Inspected	LISTED
Listing Section	DOORS - ROLLING STEEL
Listing Section	SMOKE CONTROL DOOR ASSEMBLIES
Report Number	J99013045-231, J20021957A&B-231, 100904711-001R3, 102273405MID-001, 92NK29133
Spec ID	29543
Temperature Rise	@ 30 Min = 650° F MAX Where Lites Do Not Exceed 100 IN2
Temperature Rise	@ 30 Min = 250° F MAX Where Lites Do Not Exceed 100 IN2
Temperature Rise	@ 30 Min = 450° F MAX Where Lites Do Not Exceed 100 IN2
Verification	No
Testing	

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