



LISTING INFORMATION OF

**McKeon Series S4000, S9000 and S7000 Side Coiling and
Side Acting Steel Fire Door (Slats) with or without Integral
Proprietary Swing Doors**

SPEC ID: 29541

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

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FIRE RESISTANT PRODUCTS & COMPONENTS

DOORS - ROLLING STEEL

Products Covered

- S4000, S9000 and S7000 models are non-insulated and only fire rated.
- S4000-IS, S9000-IS and S7000-IS models are insulated and fire rated but not temperature rise rated.
- S4000-TR, S9000-TR and S7000-TR models are insulated, temperature rise rated, and fire rated.

Product Description

Horizontally sliding, side coiling, side acting, vertical slat coil fire door assembly with or without integral swinging doors. Can be coil on one side or center parting. Steel stud drywall or masonry construction. May incorporate vision panels.

Alternate Bi-Parting Door Configuration: An alternate bi-parting door configuration consisting of a McKeon Series S4000, S9000 and S7000 Side Coiling and Side Acting Steel Fire Door and a McKeon Series AC8000 Accordion Fire Door is allowed. The McKeon Door Series with the most stringent restrictions and limitations, including size, will be applied for this alternate bi-parting door configuration.

Rating

Maximum 3 Hours

Models S4000-TR, S9000-TR and S7000-TR also qualify for the following temperature rise ratings:

- 450 degree Fahrenheit maximum temperature rise rating at 30 minutes when two units are installed back to back on both the inner and outer side of a masonry or drywall opening.
- 650 degree Fahrenheit maximum temperature rise rating at 30 minutes when used singly in a masonry or drywall opening.
- Please note, if an Integral Proprietary Swinging Door is used in conjunction with the McKeon Series S4000-TR, S9000-TR, or S7000-TR Side Coiling and Side Acting Steel Fire Doors, the integral swinging doors must also bear a temperature rise rating equal to or better than the respective temperature rise ratings noted above.

Models S4000, S9000, S7000 and AC8000 have an air leakage rate no greater than 3.0 CFM per square foot of door opening at 0.10 inch of water when tested in accordance with UL 1784. The door assemblies may be installed without a gasket or seal at the bottom of the assembly except where the assembly is installed where pressurization is provided to control smoke movement. The gap between the bottom of the assembly and the finished floor shall be a maximum of 3/8 in., based on the requirements for fire resistance applications.

SIZE LIMITATIONS

Certification Procedure	Maximum Area	Maximum Height	Maximum Width
LABEL	135 sq ft	10 ft	13.5 ft

CERIFICATE/LABEL	Unlimited*	Unlimited*	Unlimited*
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*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	NFPA 252 (2012)
Criteria	UL 1784 (2015)
Criteria	CAN / ULC S104 (2015)
Criteria	UL 10(b) (R2015)
CSI Code	08 11 00 Metal Doors and Frames
CSI Code	08 10 00 Doors and Frames
CSI Code	08 35 13.23 Accordion Folding Fire Doors
Fire Resistance	3 Hour 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	14376-231, J99013592-231, 3064271, 3095113, G100904711, G101852247, G102273405, G102824676, G103933746
Spec ID	29541
Temperature Rise	@ 30 Min = 650° F MAX Where Lites Do Not Exceed 100 IN2
Temperature Rise	@ 30 Min = 450° F MAX Where Lites Do Not Exceed 100 IN2
Verification Testing	No

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