

MAXIMUM SIZES	Model SL Fire Doors – 14 ft. wide, 14 ft. high Model ML Fire Doors – 16 ft. wide, 16 ft. high Model HL Fire Doors – 60 ft. wide, 50 ft. high, 1320 sq. ft.* (UL) / 44 ft. wide, 40 ft. high, 1320 sq. ft. (FM) Model IL Insulated Fire Doors – 44 ft. wide, 24 ft. high* Model CL Counter Fire Doors – 16 ft. wide, 10 ft. high, 120 sq. ft. Model CT Counter Tops / IC Sills – 17 ft. wide, 36 in. deep FH, FG, FS Series Retrofit Operators – 42 ft. wide, 24 ft. high, 752 sq. ft.* AR Series Alarm Release Devices – size limits not applicable <i>*Consult factory for availability of and considerations for larger sizes</i>
CLASSIFICATIONS, APPROVALS & LISTINGS	Underwriters Laboratories Classified and Certified for Canada (c-UL-us) FM Approved (FM) California State Fire Marshal Listed (CSFM)
TEST STANDARDS	UL 10B <i>Standard for Fire Tests of Door Assemblies</i> / CAN/ULC S104 <i>Standard Method for Fire Tests of Door Assemblies</i> FM 4100 <i>Examination Standard for Fire Door Assemblies</i> UL 1784 <i>Standard for Air Leakage Test of Door Assemblies and Other Opening Protectives</i> UL 864 <i>Standard for Control Units and Accessories for Fire Alarm Systems</i>
LABELS	c-UL-us Fire Door Label on SL, ML, HL fire doors and CL counter fire doors to 12 ft. wide, 12 ft. high, 120 sq. ft., or Oversize Door Label on larger doors FM Fire Door Label on IL insulated fire doors to 12 ft. wide, 12 ft. high, 144 sq. ft. on masonry walls, or 12 ft. wide, 12 ft. high, 120 sq. ft. on non-masonry walls, or Oversize Door Label on larger doors Optional FM Fire Door Label or Oversize Door Label on SL, ML, HL fire doors and CL counter fire doors Optional supplemental S-Label on all doors FM Sill Label on CT counter tops and IC containment sills (either is suitable for use with UL or FM fire doors – width limit not applicable to IC sills) UL Retrofit Rolling Steel Door Operator Label on FH, FG and FS series chain, crank and motor operators UL Signaling / Fire Alarm Equipment Label on AR series alarm release devices
RATINGS	UL – 1 ½ or 3 hour fire rating for interior or exterior non-masonry or masonry wall construction FM – 1 ½ hour fire rating for interior non-masonry wall construction, 3 hour fire rating for interior or exterior masonry wall construction, optional 4 hour fire rating for interior or exterior masonry wall construction (4 hour not available on stainless steel doors or counter tops) UL or FM – supplemental air leakage “smoke” door rating of less than 3 CFM per sq. ft. at pressure differentials of 0.05, 0.10, 0.20, 0.30 inches of water in accordance with building code requirements
RETROFIT	UL – Retrofit chain, crank and motor operators are suitable to retrofit to existing fire doors manufactured by Atlas, Cookson, Cornell, Kinneer, McKeon, North American, Overhead, Pacific, R&S, Raynor, Southwestern, Wayne Dalton, Windsor and other manufacturer’s fire doors based on similarity to the above.# FM – Retrofit chain, crank and motor operators may be retrofitted onto any FM Approved or FM “oversized” rolling steel fire door. # <i># Suitability to be verified by field evaluation prior to retrofit.</i>
INSTALLATION	All fire door products are to be installed per the manufacturer’s installation instructions and applicable NFPA Standards (80, 105, 72)
GENERAL	Lawrence fire doors, insulated fire doors, and counter fire doors are all considered to be rolling steel fire doors as defined by NFPA 80. Their installation is regulated by the requirements of NFPA 80, Chapter 11 and related parts of Chapters 1, 2, 3 and 4. Inspection, testing and maintenance – including retrofit – are regulated by the requirements of NFPA 80, Chapter 5. Doors with S-labels are also subject to the applicable requirements of NFPA 105.

NOTES:

- 1. When rolling steel fire doors are used on openings over counters, they are not considered to be service counter fire doors and are not subject to the requirements of NFPA 80 Chapter 13*
- 2. References are per NFPA 80, 2022 edition – the most recent edition as of the publication of this document*