



Model 7401

FLAT SLAT

chiohd.com

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Arthur, IL 61911
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FIRE DOOR FEATURES

- UL Listed Fire Ratings Available: 3/4 hour, 1-1/2 hour, 3 hour, 4 hour
- 165° fusible links provided as standard
- UL 1784 “S” label upgrade available
- Fail-safe time delay releases, smoke detectors, audible and visual warning devices are optional
- Closing speed to be between 6” and 24” per second per NFPA 80
- Simple Test standard for chain hoist and motor operation

STANDARD FEATURES Standard up to 24’0” x 16’4”. Consult with C.H.I. up to 24’0” tall.

<p>SLAT PROFILE</p>	<ul style="list-style-type: none"> • 22 gauge galvanized steel slat up to 13’4” wide, 20 gauge galvanized steel slat up to 18’4” wide, 18 gauge galvanized steel slat over 18’4” wide • Minimum 1/8” double structural steel angle bottom bar • Minimum 3/16” structural steel angle guides • Minimum 1/4” headplates • 24 gauge half-hexagonal galvanized steel hood • Steel barrel with maximum deflection of 0.03” per foot of width. 	<ul style="list-style-type: none"> • Helical wound torsion spring assemblies, grease packed and designed for minimum 20,000 cycles of operation. Contact customer service for reduced or higher cycle needs. • Precision, self-aligning sealed and grease-able ball bearings in a four-bolt cast iron housing.
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COLORS & POWDER COATING

- **Finished Curtains:** Gray, White, Tan², Brown², Galvanized¹, Powder Coat
- **Hood:** Color to match curtain
- **Guides:** Black [Standard], Powder Coat, Hot Dip Galv., Cold Spray Galv.
- **Headplates:** Black [Standard], Powder Coat, Cold Spray Galv.
- **Bottom Bar:** Black [Standard], Powder Coat, Hot Dip Galv.

OPERATION

- Chain Hoist standard
- Motor operation optional
- Manual push-up with dual slide locks available for doors up to 12’4” x 10’4” [Does not include simple test.]

HARDWARE

- **Endlocks:** Galvanized malleable iron for wear and durability
- Lag bolts for wood jambs, self-tapping bolts for steel jambs, sleeve anchors or through bolts with crush plates for masonry and concrete jambs
- Lock options available. Vary by door size and operation.

WEATHER SEAL

- **Optional:** Bottom astragal, Jamb brush seal, header brush sea

FENESTRATION

- **Window Lites:** 5” x 1-1/8” openings, 7” centers. Clear acrylic glazing.

FRAMING / INSTALLATION

All installation quality and workmanship is responsibility of contractor and is to be executed in accordance with C.H.I. installation instructions, local and state building codes and work site safety regulations. NFPA 80 and model groups, mandate annual inspection and drop testing of fire doors to check for proper operation and full closure.

- Face of wall and above lintel
- Face of wall and under lintel
- Between jamb and above lintel
- Between jamb and under lintel

¹Available up to 18’4” wide.

²Available up to 13’4” wide.