

Sectional Steel Door Systems



SERIES

424

430



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

Heavy-Duty and Medium-Duty Sectional Steel Door Systems

SERIES 424/430

Standard Features At a Glance

Nominal thickness	2" (51 mm)
Maximum standard width	30'2" (9195 mm) (424 Series) 20'2" (6147 mm) (430 Series)
Maximum standard height	24'1" (7341 mm) (424 Series) 16'1" (4902 mm) (430 Series)
Exterior steel	24-gauge galvanized steel (424 Series) Nominal 24-gauge galvanized steel (430 Series)
Exterior surface	Ribbed
End stiles	16-gauge steel
Center stiles	16-gauge steel
Standard mounting	Angle mount
Standard track	2" (51 mm)
Standard springs	10,000 cycle
Weatherstripping	Standard on bottom
Operation	Manual pull rope
Finish	White baked-on polyester
Lock	Interior-mounted slide lock

Options

- Electric operator or chain hoist
- Bottom sensing edge
- Full sash section with 1/8" (3 mm) DSB insulated; 1/8" (3 mm) and 1/4" (6 mm) plexiglass
- Individual lites with 1/8" (3 mm) DSB; 1/8" (3 mm) and 1/4" (6 mm) plexiglass; 1/8" (3 mm) and 1/4" (6 mm) Lexan; 1/8" (3 mm) and 1/4" (6 mm) Tempered; 1/4" (6 mm) wired
- 3" (76 mm) track
- Bracket mounting (not available on full vertical or 3" door tracks)
- Higher-cycle springs in 25k, 50k, 75k, 100k cycles
- Exhaust ports
- Jamb weatherseals, including vinyl stop moulding and, Saverseal pliable blade seal
- Reinforcing struts of roll-formed steel hat sections
- Industrial Brown Exterior finish
- Movable center posts for 2" (51 mm) or 3" (76 mm) tracks that roll away, with automatic safety catches that prevent door closure when posts are removed
- Keyed lock

The 424 and 430 Series. The Be

When your project calls for durable, handsome good looks in a sectional steel door, the 424 and 430 Series fit the bill. Featuring 24-gauge or nominal 24-gauge galvanized steel sections with a ribbed exterior, 424 doors are available in widths up to 30'2" (9195 mm) and heights up to 24'1" (7341 mm) 430 doors are available in widths up to 20'2" (6147 mm) and heights up to 16'1" (4902 mm) — and are as durable and versatile as they are attractive and economical.

Solidly Built for Long Life and Reliable Performance.

The 424 and 430 Series offer strength, durability and economy. A 2" (51 mm) galvanized steel exterior and 16-gauge steel center stiles and end stiles offer excellent strength. Rabbed meeting rails result in tight-fitting joints and full-width interlocking structural rigidity. The doors also feature a precision-engineered galvanized steel track, hinges, and fixtures for smooth, reliable operation over the life of the door.

Many Options for Expanded Versatility.

The 424 and 430 Series offer a variety of options for design flexibility and functionality. The choice of full-sash section or individual-panel glazing allows you to control light infiltration and visual access. A baked-on polyester paint finish in white or Industrial brown eliminates time-consuming field painting and provides a long-lasting finish. A variety of jamb weatherseals help to minimize air infiltration.





Best Choice for Durability and Economy.



Installation and Service: Overhead Door Company of Twin Falls

**Electric Operation and High-Usage Components
for Special Applications.**

A complete line of optional electric operators designed specifically for the 424/430 Series ensures precision, long-life operation. For added durability in heavy-use conditions, you

can also specify special high-usage components. This package is tailored for your project and features high-cycle torsion springs to 100k cycles, a solid-steel shaft to reduce fatigue and deflection, and a heavy-duty 3" (76 mm) track for added durability in heavy-use conditions.

PART 1 GENERAL**1.01 Work Included**

The doors will be 424 or 430 Series as manufactured by Overhead Door Corporation.

1.02 Related Work

Opening preparation, miscellaneous or structural metal work, access panels, finish or field painting, field electrical wiring, wire, conduit, fuses and disconnect switches are in the Scope of Work of other divisions or trades.

1.03 Quality Assurance

In accordance with accepted quality assurance guidelines for motor-operated doors, both the door and electric operator (optional) shall be manufactured by a single-source producer of door systems, as by Overhead Door Corporation.

PART 2 PRODUCT**2.01 Sections**

Section profile will be ribbed. Sections will be 24-gauge galvanized, roll-formed steel exterior for the 424 Series or nominal 24-gauge roll-formed steel exterior for the 430 Series. Sections will have a nominal thickness of 2" (51 mm). Doors will have rabbeted meeting rails to form weathertight joints and provide full-width interlocking structural rigidity.

2.02 Center and End Stiles

Center and end stiles will be 16-gauge steel, formed and fastened as integral structures with the rolled sections. End stiles will be channel-shaped to 2" (51 mm) deep.

2.03 Springs

Standard springs will be 10,000 cycles. (Optional higher-cycle 25,000, 50,000, 75,000, or 100,000-cycle springs).

2.04 Hardware

Hinges and fixtures will be galvanized steel. Full-floating ball-bearing rollers will have hardened steel races. Roller sizes will be adequate for design requirements and limitations.

2.05 Track

Track is 2" (51 mm) standard (3" (76 mm) optional) angle-mounted. (Bracket-mounted track is an option, but not available on full vertical or 3" track doors.)

2.06 Lock

Lock will be an interior-mounted slide lock. (Optional keyed lock is available).

2.07 Weatherstrip

Bottom weatherstrip will be flexible PVC and held in place by a retainer that also provides additional reinforcement.

2.08 Finish

Finish will be factory baked-on white (optional Industrial brown) polyester coating.

2.09 Operation

Operation will be manual pull rope. (Optional chain hoist or electric operator are available).

PART 3 EXECUTION**3.01 Execution**

Install the doors in accordance with Overhead Door Corporation instructions and standards, using an authorized Overhead Door Corporation distributor.

Note to specifier: This specification is a suggested guide. Available options are shown in parentheses.

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Selection of Overhead Door products automatically includes the unequaled expertise and experience of Overhead Door Ribbon Distributors. Nationwide coverage by our 400+ Ribbon Distributors is unique in our industry – providing a single source for design and application consulting, installation, service and ongoing maintenance. Turnkey services to maximize the lasting value of your product choice. Your Overhead Door Distributor is also your only source for a full line of commercial and industrial door and operator systems specifically designed for integrated applications. For over four generations, our 400+ Ribbon Distributors have been committed to providing commercial and industrial door solutions. Combined with Overhead Door product design and manufacturing superiority, our distributors are a proud part of the Overhead Door family, sharing our name, our Ribbon logo and our commitment to industry leading innovation and excellence.

To talk with the Overhead Door Distributor nearest you, call 1-800-929-DOOR.

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