



OVERHEAD DOOR

SERIES

416

420

OVERHEAD DOOR

INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

Extra-Heavy-Duty and Heavy-Duty Sectional Steel Door Systems

SERIES 416/420

Standard Features At a Glance

Warranty	1 year limited
Nominal thickness	2" (51 mm)
Maximum standard width	32'2" (9804 mm) (416 Series) 31'2" (9500 mm) (420 Series)
Maximum standard height	21'1" (6426 mm) (416 Series) 24'1" (7341 mm) (420 Series)
Exterior steel	16-gauge galvanized steel (416 Series) 20-gauge galvanized steel (420 Series)
Exterior surface	Flush (416 Series) Ribbed (420 Series)
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	Flexible PVC bottom with retainer
Operation	Manual pull rope
Finish	White baked-on polyester
Lock	Interior-mounted slide lock

Options

- Electric operator or chain hoist
- Knock & Lock™ Breakaway Door System
- 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 doors)
- Higher-cycle springs in 25k, 50k, 75k, 100k cycles
- Exhaust ports
- Jamb weatherseals, top seals, in-between section seals
- Bottom strips, including looped PVC weatherstrips, flexible PVC astragal weatherstrips and double-contact weatherstrips
- Reinforcing struts of roll-formed steel hat sections
- Movable center posts for 3" (76 mm) tracks that roll away, with automatic safety catches that prevent door closure when posts are removed
- Tumbler keyed lock

The 416 and 420 Series. Our Be

Overhead Door Corporation's 416 and 420 Series Door Systems are strong, durable and versatile — and our best-selling sectional steel doors. Designed for heavy-duty commercial and industrial applications, these doors are available in 16- or 20-gauge galvanized steel, and in widths up to 32'2" (9804 mm) and heights up to 24'1" (7341 mm). In addition to many advanced standard features, the 416 and 420 Series doors offer many optional features that allow you to make a bold design statement without compromising functionality.

Built to Perform and Last

Quality and durability are built into the 416 and 420 Series doors, from their 16- or 20-gauge hot-dipped galvanized steel exteriors to 16-gauge steel center- and end stiles. These doors combine outstanding panel strength, heavy-duty, precision-engineered galvanized hinges and fixtures, and a 2" (51 mm) track to meet stringent building codes and windloading requirements. The doors' rabbeted meeting rails enhance structural rigidity along the full width of the door and form weathertight joints. A baked-on polyester paint finish eliminates field painting and lends added protection against the elements.

More Options for Versatile Functionality

A long list of options expands the versatility of the 416 and 420 Series to meet most any project requirement. Full-sash section or individual-panel glazing permits complete design freedom in the amount of visual access and light infiltration. Operation by chain hoist or electric motor simplifies opening and closing, especially for larger doors. Exhaust ports accommodate any number of industrial applications. Bracket mounting is an option on all but full-vertical doors, and a variety of bottom strips and jamb weatherseals accommodate nearly any field condition, including sloping grades, while also minimizing air infiltration.





Best-Selling Sectional Steel Doors.



Installation and Service: Overhead Door Company of Waco

High-Usage Package for Demanding Conditions

For high-usage applications, a special package improves door performance and life. The package features high-cycle torsion springs in 25k, 50k, 75k or 100k cycles, as well as a solid-steel shaft to reduce fatigue and deflection, and a heavy-duty 3" track for added durability. An integrated line of electric operators designed specifically for these heavy-duty doors further ensures smooth, efficient operation and minimizes maintenance costs for the long term.

Knock & Lock™ Breakaway Door System

Knock & Lock™ Breakaway Door System is available as an option for doors to be installed in high-traffic areas, where sectional doors are damaged by frequent collisions with forklifts or other industrial equipment. Adaptable to most any of Overhead Door Corporation's sectional doors, the quick release/quick reset design of Knock & Lock™ minimizes repair costs and facility downtime.

The Original, Innovative Choice for Unequaled Quality and Service

Overhead Door Corporation pioneered the upward-acting door industry, inventing the first upward-acting door in 1921 and the first electric door operator in 1926. Today, we continue to be the industry leader through the strength of our product innovation, superior craftsmanship and outstanding customer support, underscoring a legacy of quality, expertise and integrity. That's why design and construction professionals specify Overhead Door Corporation products more often than any other brand.

The Overhead Door Red Ribbon is a mark of quality that also reflects the pride we take in the people who support our products. Our family of over 450 Red Ribbon Distributors across the country not only share our name and logo, but also our commitment to excellence. Your Red Ribbon Distributor will work with you in a consultative role to ensure that product selections achieve your design and application requirements — in addition to offering expert installation, professional field service and ongoing maintenance. From project design and manufacturing to installation and service, the Overhead Red Door Ribbon is your guarantee of genuine quality and turnkey service excellence.

Together with our Red Ribbon Distributors, we offer comprehensive technical information and resource materials to support your project, including:

- **Architectural Design Manual** – a comprehensive guide to selecting, specifying and detailing all commercial and industrial Overhead Door products can be found at www.OverheadDoor.com/ADM/base.html
- **Operation & Maintenance Manual** – detailed product information, customized for your project, to ensure reliable, long-life door system operation
- **Custom application and technical assistance through ordering plants' customer service and technical services respectively**
- **Visit our Architect's Corner at www.OverheadDoor.com**



Advanced Rolling Steel Door
RapidSlat®



Thermacore® Sectional Doors



Rolling & Side Folding
Security Grilles & Closures



Rolling Service Doors



Commercial Operators

Today, Overhead Door Corporation—along with our Horton Automatics division, for automated pedestrian entrances—is recognized as the leading, single-source manufacturer of integrated door and operator systems for commercial, industrial and residential applications. With multiple manufacturing locations throughout the United States, a state-of-the-art TREQ (Testing, Reliability, Engineering, and Quality) Center for design and engineering, and a national network of authorized Red Ribbon Distributors, our capabilities are leading-edge and our field service and technical support second to none. Built best and backed best, Overhead Door is the industry's leading choice for quality that shows and lasts.

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

Overhead Door Corporation

2501 S. State Hwy. 121 Bus., Suite 200

Lewisville, Texas 75067

1-800-929-DOOR

www.OverheadDoor.com



INDUSTRY LEADING
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The Overhead Door Corporation family of quality commercial and industrial products includes:



A part of Sanwa Holdings Corporation