

Sectional Steel Door Systems



SERIES

418
422



INDUSTRY LEADING
COMMERCIAL & INDUSTRIAL SOLUTIONS

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

SERIES 418/422

Standard Features At a Glance

Nominal thickness	2" (51 mm)
Maximum standard width	32'2" (9804 mm) (418 Series) 29'2" (8890 mm) (422 Series)
Maximum standard height	21'1" (6426 mm) (418 Series) 24'1" (7341 mm) (422 Series)
Exterior steel	16-gauge galvanized steel (418 Series) 20-gauge galvanized steel (422 Series)
Back cover	26-gauge galvanized steel
Insulation	Expanded polystyrene
R-value	7.35 (1.29 W/Msq)
Exterior surface	Flush (418 Series) Ribbed (422 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	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; 1/2" (12 mm) insulated; 1/8" (3 mm) and 1/4" (6 mm) plexiglass
- Individual lites with 1/2" (12 mm) insulated DSB
- 3" (76 mm) track
- Bracket mounting (not available on full vertical door tracks)
- Higher-cycle springs in 25k, 50k, 75k, 100k cycles
- Exhaust ports
- Jamb weatherseals
- 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 2" (51 mm) or 3" (76 mm) tracks that roll away, with automatic safety catches that prevent door closure when posts are removed
- Five-pin tumbler keyed lock

The 418 and 422 Series. True Ho

When your project requires a solid sectional steel door system that will hold up to heavy use, rough handling and extreme conditions, look to Overhead Door Corporation's 418 and 422 Series to pack an extra measure of toughness. Fabricated of 16- or 20-gauge galvanized steel for strength and durability, these doors feature an attractive flush (418) or ribbed exterior (422) finish as well as a tough 26-gauge back cover for rugged good looks in any environment. The doors' many available options allow customization to your specific application and aesthetic requirements.

Extra-Heavy-Duty Design for Extra-Heavy-Duty Applications.

The 418 and 422 Series doors are built for exceptional strength and maximum life. The doors feature heavy-gauge, hot-dipped galvanized steel exteriors, and 16-gauge steel center and end stiles. Superior panel strength and a heavy-duty, tight-fitting 2" (51 mm) track combine to meet local windloading requirements. Rabbeted meeting rails ensure weathertight joints and provide full-width interlocking structural rigidity. Precision-manufactured galvanized steel track, hinges and fixtures ensure long life and low maintenance. A baked-on polyester paint finish eliminates job-site painting and provides added protection against the elements.

The Choice of Insulated Steel for Thermal Efficiency.

The 418 and 422 Series offer the benefit of insulation for applications where enhanced thermal efficiency is desired. The standard expanded polystyrene provides R-values of 7.35 (1.29 W/Msq). The 418 and 422 Series also feature a back cover of 26-gauge galvanized steel for added protection against thermal transfer.

Comprehensive Options for Customized Solutions.

The 418 and 422 Series offer plenty of options to meet your aesthetic and functional requirements. You'll have the choice of full-sash section or individual-panel glazing to control the amount of light infiltration and permit visitor identification. Bracket mounting is available (except on full vertical doors). A variety of bottom strips and jamb weatherseals minimize air infiltration and accommodate any number of field conditions, including sloping grades.



Heavyweights by the Toughest Standards.



Installation and Service: Overhead Door Company of Madison

High-Usage Package for High-Traffic Environments.

The 418 and 422 Series offer an optional package that improves door performance and durability for doors with high-usage cycles. This special application package has three key components for added strength and durability: high-cycle torsion springs in 25K, 50K, 75K or 100K cycles, a solid-steel shaft to reduce fatigue and deflection, and a heavy-duty 3" track. Also available is an integrated line of electric operators designed specifically for these heavy-duty doors, which enhances reliable performance for years to come.

The Original, Innovative Choice for Unequalled 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 red Overhead Door 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 Ribbon Distributors across the country not only share our name and logo, but also our commitment to excellence. Your Ribbon Distributor will work with you in a consultative role to ensure that product selections achieve your design and application requirements — in addition to providing expert installation, professional field service and ongoing maintenance. From project design and manufacturing to installation and service, the Overhead Door Ribbon is your guarantee of genuine quality and turnkey service excellence.

Together with our 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
- Sweet's Catalog for selection information about our products, and Sweet's CD and CD-CAD for convenient electronic product information, technical specifications, and details with CAD "cut-and-paste" capability
- Operation & Maintenance Manual – detailed product information, customized for your project, to ensure reliable, long-life door system operation
- Custom design and technical assistance through our Corporate Application Engineering Teams
- Visit our Architect's Corner at www.OverheadDoor.com



Advanced Rolling Steel Door
RapidStat®



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 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.

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



A part of Sanwa Shutter Corporation

Consistent with our policy of continuing product improvement, we reserve the right to change product specifications without notice or obligation