

# Sectional Steel Door Systems



SERIES

426

432



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS

# Heavy-Duty and Medium-Duty Insulated Sectional Steel Door Systems

## SERIES 426/432

### Standard Features At a Glance

Nominal thickness	2" (51 mm)
Maximum standard width	28'2" (8585 mm) (426 Series) 20'2" (6147 mm) (432 Series)
Maximum standard height	24'1" (7341 mm) (426 Series) 16'1" (4902 mm) (432 Series)
Exterior steel	24-gauge galvanized steel (426 Series) Nominal 24-gauge galvanized steel (432 Series)
Back cover	26-gauge galvanized steel (426 Series) Polybonded laminate (432 Series) High impact polystyrene (HIPS) (optional – 426, 432 Series)
Insulation	Expanded polystyrene
R-value	7.35 (1.29 W/Msq)
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; 1/8" (3 mm) and 1/4" (6 mm) plexiglass
- Individual lites with 1/2" (13 mm) insulated DSB
- Industrial Brown polyester paint
- 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, 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 426 and 432 Series. Doors

The 426 and 432 Series door systems are tough, attractive, thermally efficient and economical – which makes them the best-selling insulated sectional steel doors of the line. Fabricated of 24-gauge or nominal 24-gauge galvanized steel with handsome ribbed exteriors, these doors offer an R-value of 7.35 (1.29 W/Msq). The 426 Series is available to fit openings up to 28'2" (8585 mm) wide by 24'1" high (7341 mm). The 432 Series fits openings up to 20'2" (6147 mm) wide by 3 ft (4902 mm) high. A host of additional options – from glazing and paint finishes to bracket mounting and electric operation – give you design flexibility with added functionality for any number of industrial and commercial applications.

### A Well-Built Door for Life.

Quality is built into the 426 and 432 Series doors, which ensures smooth operation for years to come. Outstanding panel strength, heavy-duty steel hinges and fixtures, and a 2" (51 mm) track enable the 426 and 432 Series to meet strict building codes and wind loading requirements. These doors feature 24-gauge or nominal 24-gauge hot-dipped galvanized steel exteriors with 26-gauge back covers. The doors' rabbetted meeting rails further enhance door strength and thermal efficiency by bolstering structural rigidity along the full width of the door. This feature also forms weathertight seals that protect against air infiltration.

### Insulated Steel Doors for Thermal Efficiency

The 426 and 432 Series are manufactured with expanded polystyrene insulation. With an R-value of 7.35 (1.29 W/Msq), and a galvanized steel back cover — these doors are ideal for applications where a higher level of thermal efficiency is required.

### Customization Through a Variety of Options

A variety of options allow you to customize the 426/432 Series to most applications. For added light infiltration and increased visual access, the choice of full-sash section or individual-panel glazing is available. A baked-on, polyester paint finish in White or Industrial Brown simplifies installation and minimizes maintenance costs. The addition of exhaust ports lends functionality without loss of thermal efficiency. A variety of bottom strips further protects against the elements and accommodates sloping grades. Bracket mounting is an option on all but full vertical doors, and the choice of manual, chain hoist or electric motor facilitates door operation, particularly for larger doors.



## That Stand Up to Demanding Environments – and the Elements.



### High-Usage Package for Heavy-Usage Applications

The 426/432 Series is available with a special high-usage package to improve door performance and life in high-traffic applications. The package includes 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" (76 mm) track for increased durability. An integrated line of electric operators is also available. Designed specifically for high-usage doors, these heavy-duty electric operators help to minimize maintenance costs by promoting smooth and efficient operation throughout the life of the door.

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## The Original, Innovative Choice for Unequalled Quality and Service

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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 Door Red 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](http://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](http://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.**

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