

Thermacore® Door Systems



Product Line	SERIES	591	592	593	594	596	598	599
--------------	--------	-----	-----	-----	-----	-----	-----	-----



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS

## THE TURNKEY SOURCE FOR COMMERCIAL AND INDUSTRIAL SOLUTIONS AND SERVICE

Selection of Overhead Door products automatically includes the unequalled expertise and experience of Overhead Door Red Ribbon Distributors. Nationwide coverage by our over 400 Red 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 grille and operator



systems specifically designed for integrated applications. For over four generations, our Red Ribbon Distributors have been committed to providing commercial and industrial grille 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 Red Ribbon logo and our commitment to industry leading innovation and excellence.

## GENERAL FEATURES AND BENEFITS

### R-Values up to 17.50 (3.09 W/Msq) and air infiltration Performance up to .08 cfm at 25 MPH (2.26 Lpm at 40 kmph)

- Continuous foamed-in-place panel construction provides one of the highest R-values in the industry year in, year out
- Dual PVC thermal break and joint seal between internal and external skins minimize air infiltration and provide the highest door system thermal efficiency in the industry
- Specially designed track and heavy-duty fixtures ensure a tight and reliable fit


### Lightweight, strong and durable panel construction

- Continuous foamed-in-place panel construction provides superior thermal efficiency, and exceptional strength-to-weight ratio and proven durability
- Roll-formed, hot-dipped galvanized steel interior and exterior panels
- Two coats of baked-on polyester paint provide a durable finish

### Meets stringent wind load requirements (optional)

- Exceptional panel strength and superior track design withstands harsh wind conditions.

### Environmentally friendly

- Specially formulated polyurethane foam  insulation ensures no ozone-damaging CFCs are used in the manufacturing process or in the panels

### Easy field repairability

- Unique design allows on-site door customization for quick and precise installation, replacement or repairs

### A broad line to fit every application

- Standard door widths up to 40'2" (12243 mm) and heights up to 32'1" (9779 mm)
- Doors for extra-heavy-duty, heavy-duty, medium-duty and light-duty applications

### Built to last

- 10-year\* limited warranty against panel delamination of foam and steel skins
- 1-year limited warranty on door
- 3-year/20,000 cycle limited warranty on door and operator system

### High-usage components for special applications promotes long life and low maintenance

- Heavy-duty, precision ground headplate bearings for enhanced counterbalance performance
- Oil-tempered, heavy-duty helical wound, torsion springs, available in 25,000, 50,000, 75,000 or 100,000 cycles for extra long life
- Solid-steel counterbalance shaft reduces fatigue and deflection
- Double end stiles and end hinges lessen loads on door-section
- Heavy-duty 3" (76 mm) hot-dipped galvanized steel track and 10 ball-bearing, long-stem rollers
- Additional center hinges reduce overall door section hinge loads
- Bottom sensing edge stops/reverses door upon contact with an obstruction

\*8-year on 598 Series



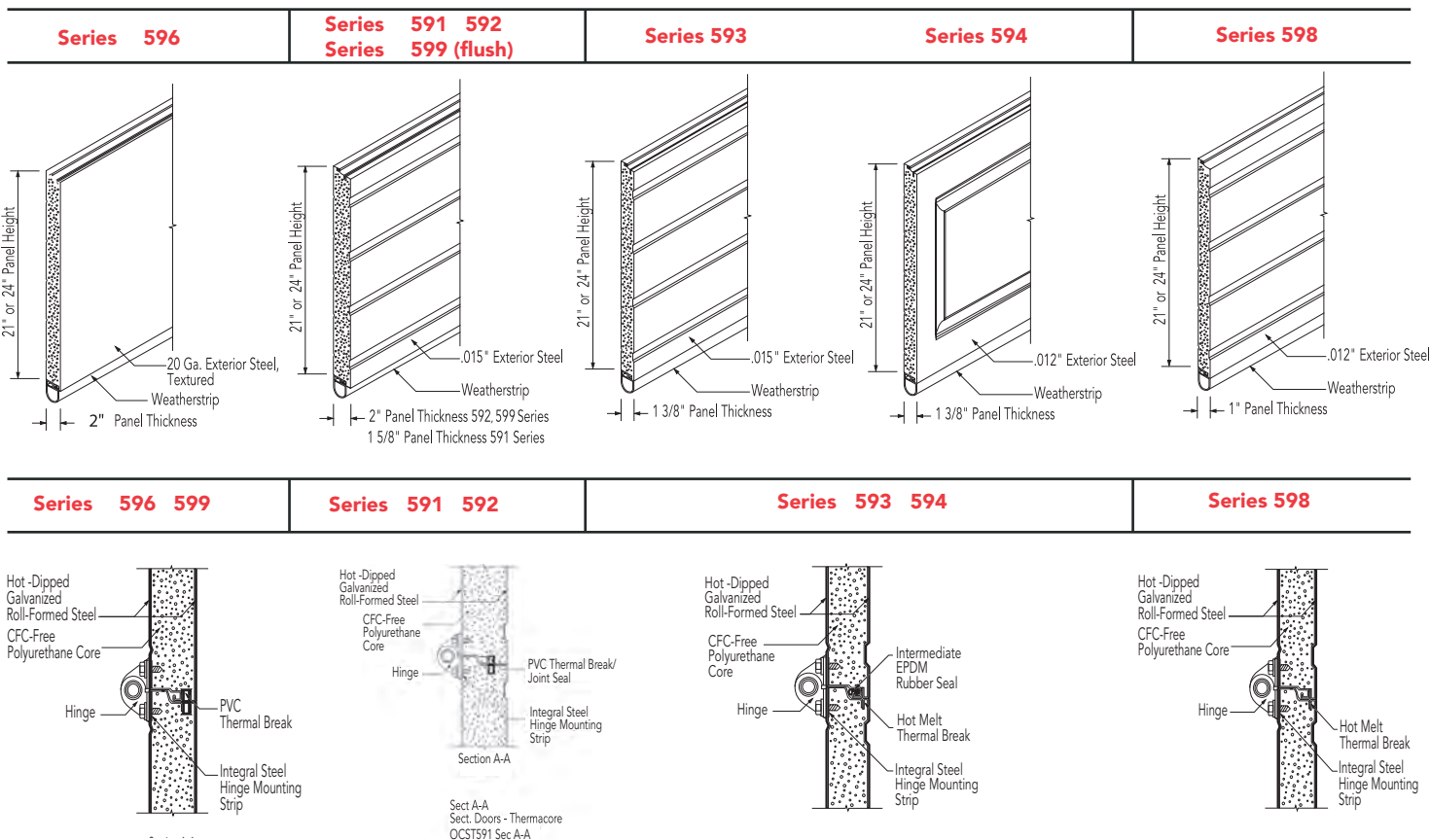


Thermacore® is the premier insulated steel sectional door available today. It is an ideal choice for applications that demand the highest levels of thermal efficiency, air infiltration and wind load resistance. Manufactured using a unique, computer-controlled process, Thermacore® steel-polyurethane-steel sandwich panels are lightweight, incredibly strong and exceptionally energy efficient—even under the most severe climatic conditions. Suitable for a wide range of applications, Thermacore® doors feature a host of industry-leading design innovations—including dual PVC thermal break and joint seal, a CFC-free polyurethane core, and a special internal construction for easy field serviceability.

*Installation and service: Overhead Door Company of Twin Falls*






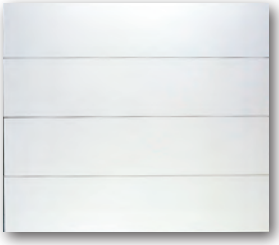


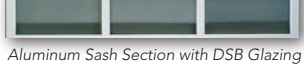
# Thermacore® Door Selection Chart



Thermacore®		GENERAL SPECIFICATIONS													
	SERIES	Panel thickness	R-value (W/Msq)	U-value (Msq/W)	Air infiltration at 15 mph (at 24 kmph)	at 25 mph (at 40 kmph)	Thermal break	Sound transmis- sion	Exterior steel	Exterior surface	Standard end stiles	Standard Maximum width	Standard Maximum height	Exterior color	Optional colors available
Extra Heavy Duty (Pg. 4)	596	2" (51 mm)	17.40 (3.06)	.057 (.327)	.08 cfm (2.26 Lpm)	.08 cfm (2.26 Lpm)	PVC	class 26	20-ga galv. (.91 mm)	flush	16 ga	36'2" (11024 mm)	24'1" (7341 mm)	white, tan, gray, Industrial Brown	
Heavy Duty (Pg. 5–6)	599	2" (51 mm)	17.50 (3.09)	.057 (.324)	.08 cfm (2.26 Lpm)	.08 cfm (2.26 Lpm)	PVC	class 26	.015" (.38 mm)	flush	16 ga	40'2" (12243 mm)	32'1" (9779 mm)	white	
	592	2" (51 mm)	17.50 (3.09)	.057 (.324)	.08 cfm (2.26 Lpm)	.08 cfm (2.26 Lpm)	PVC	class 26	.015" (.38 mm)	ribbed	16 ga	40'2" (12243mm)	32'1" (9779 mm)	white, tan, gray, Industrial Brown	Krynar white, Krynar brown, Krynar beige
	591	1 5/8" (41 mm)	14.86 (2.63)	.067 (.380)	.08 cfm (2.26 Lpm)	.08 cfm (2.26 Lpm)	PVC	N/A	.015" (.38 mm)	ribbed	16 ga	35'2" (10719 mm)	24'1" (7341 mm)	white, tan, gray, Industrial Brown	
Medium Duty (Pg. 7)	593	1 3/8" (35 mm)	12.76 (2.26)	.078 (.443)	.08 cfm (2.26 Lpm)	.15 cfm (4.24 Lpm)	Hot melt	N/A	.015" (.38 mm)	ribbed	20 ga	20'2" (6147 mm)	16'1" (4902 mm)	white, tan, gray, Industrial Brown	Krynar white, Krynar brown, Krynar beige, Pep Boy gray
	594	1 3/8" (35 mm)	12.76 (2.26)	.078 (.443)	.08 cfm (2.26 Lpm)	.15 cfm (4.24 Lpm)	Hot melt	N/A	.012" (.30 mm)	raised panel	20 ga	20'2" (6147 mm)	16'1" (4902 mm)	white, almond, sandstone, hunter green, chestnut brown, terra bronze	Krynar white, Krynar brown, Krynar beige
Light Duty (Pg. 8)	598	1" (25 mm)	9.31 (1.64)	.107 (.608)	.24 cfm (6.80 Lpm)	.46 cfm (13.03 Lpm)	Hot melt	N/A	.012" (.30 mm)	ribbed	20 ga	16'2" (4928 mm)	14'1" (4293 mm)	white	

Information is subject to change. Please call your local Overhead Door Distributor for special applications or if your application is not listed.

Series 592 591 593 598		Exterior Color Options
<p>Door Profile</p> 	<p>Glazing</p> <div>  <p>Double Thermal Acrylic</p>  <p>Insulated DSB*</p> </div> <p><small>*Not available on 598</small></p>	<div>  White            Industrial Brown            Gray            Tan         </div> <p>Colors available on 594 only</p> <div>  Almond            Sandstone            Hunter Green            Chestnut Brown            Terra Bronze         </div> <p>See chart below for application color availability. White is the standard interior color for all models.</p>

Series 594		Series 596 599	
<p>Door Profile</p> 	<p>Glazing</p> <div>  <p>Insulated DSB</p>  <p>Aluminum Sash Section with DSB Glazing</p> </div>	<p>Door Profile</p> 	<p>Glazing</p> <div>  <p>Double Thermal Acrylic</p>  <p>Insulated DSB</p>  <p>Aluminum Sash Section with DSB Glazing</p> </div>

Contact your local Overhead Door Distributor or refer to the Overhead Door Architectural Design Manual for specific glazing detail

AVAILABLE OPTIONS											
Electric operator	Chain hoist	Thermal glazing	Four-section pass door	High-usage components	Posi-tension drums	Safety bottom fixture	Bottom sensing edge	EPDM rubber header seal	Aluminum full view sash section	Tumbler keyed lock	Exhaust ports
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•
•	•	•		•	•	•	•	•	•	•	•
•	•	•		•	•	•	•	•	•	•	•
•	•	•			•		•	•		•	•



# Extra-Heavy-Duty Thermacore® Doors

## SERIES 596



Installation and service: Overhead Door Company of Glens Falls

### Standard Features At a Glance

Panel thickness	2" (51 mm)
R-value	17.40 (3.06 W/Msq)
U-value	.057 (.327 Msq/W)
Air infiltration:	
at 15 mph (24 kmph)	.08 cfm (2.26 Lpm)
at 25 mph (40 kmph)	.08 cfm (2.26 Lpm)
Thermal break	PVC
Exterior steel	20-gauge galvanized
Exterior surface	Flush, textured
Standard Springs	10,000 cycle
Sound transmission rating	Class 26
Std. maximum width	36'2" (11024 mm)
Std. maximum height	24'1" (7341 mm)
Exterior color	White, gray, tan, Industrial Brown
Interior color	White
Limited warranty	10-year delamination 1-year door 3-year/20,000 cycle door and operator system

### Options

- Thermal glazing
- Aluminum sash section available to 24'2" (7366 mm) wide
- Four-section pass door
- Knock & Lock® Breakaway Door System
- High-usage components\*
- Wind load options
- Electric operator
- Chain hoist
- Posi-Tension drums
- Safety bottom fixtures
- Bottom-sensing edge
- Flexible jamb, header seal
- Exhaust ports

\* Refer to General Features and Benefits on inside front cover

The Thermacore® 596 Series offers superior thermal efficiency for heavy-duty applications. The 596 Series is constructed of 20-gauge galvanized steel with a flush, textured finish. 596 Series doors also carry a Class 26 sound transmission rating for applications where sound suppression is desirable.

### Colors available on 596



White



Industrial  
Brown



Gray



Tan

For drawings and specifications please visit our website, [www.OverheadDoor.com/architects](http://www.OverheadDoor.com/architects) corner.

Installation and service: Overhead Door Company of Glens Falls




**SERIES 592 599**

*Installation and service: Overhead Door Company of Southwestern Idaho*
**Standard Features At a Glance**

Panel thickness	2" (51 mm)
R-value	17.50 (3.09 W/Msq)
U-value	.057 (.324 Msq/W)
Air infiltration:	
at 15 mph (24 kmph)	.08 cfm (2.26 Lpm)
at 25 mph (40 kmph)	.08 cfm (2.26 Lpm)
Thermal break	PVC
Exterior steel	.015" (.38 mm) galv.
Exterior surface	592–Ribbed, textured 599 –Flush, textured
Standard Springs	10,000 cycle
Std. maximum width	40'2" (12243 mm)
Std. maximum height	32'1" (9779 mm)
Exterior color	592 - White, tan, gray, Industrial Brown, plus optional Krynar colors: white, brown and beige 599 - White only
Interior color	White
Limited warranty	10-year delamination 1-year door 3-year/20,000 cycle door and operator system

**Options**

- Thermal glazing
- Aluminum sash section available to 24'2" (7366 mm) wide
- Four-section pass door
- Knock & Lock® Breakaway Door System
- High-usage components\*
- Wind load options
- Electric operator
- Chain hoist
- Posi-Tension drums
- Safety bottom fixtures
- Bottom-sensing edge
- Flexible jamb, header seal
- Exhaust ports

\* Refer to General Features and Benefits on inside front cover

With a 17.50 R-value (3.09 W/Msq) and .057 U-value (.324 Msq/W), the 592/599 Series Thermacore® is the energy-efficient door of choice for commercial use. The 592/599 Series also incorporates a thermal break and joint seal to prevent thermal transfer between exterior and interior door panel skins. The door is designed for the most demanding situations, including high-cycle, wind load and thermal applications.

*Colors available on 592*


White



Industrial Brown



Gray



Tan

*Color available on 599*


White

For drawings and specifications please visit our website, [www.OverheadDoor.com/architects](http://www.OverheadDoor.com/architects) corner.

*Installation and service: Overhead Door Company of Albany*




# Heavy-Duty Thermacore® Doors

## SERIES 591



Installation and service: Overhead Door Company of Twin Falls

### Standard Features At a Glance

Panel thickness	1 5/8" (41 mm)
R-value	14.86 (2.63 W/Msq)
U-value	.067 (.380 Msq/W)
Air infiltration:	
at 15 mph (24 kmph)	.08 cfm (2.26 Lpm)
at 25 mph (40 kmph)	.08 cfm (2.26 Lpm)
Thermal break	PVC
Exterior steel	.015" (.38 mm) galv.
Exterior surface	Ribbed, textured
Standard Springs	10,000 cycle
Std. maximum width	35'2" (10719 mm)
Std. maximum height	24'1" (7341 mm)
Exterior color	White, tan, gray, Industrial Brown
Interior color	White
Limited warranty	10-year delamination 1-year door 3-year/20,000 cycle door and operator system

### Options

- Thermal glazing
- Aluminum sash section available to 24'2" (7366 mm) wide
- Four-section pass door
- Knock & Lock® Breakaway Door System
- High-usage components\*
- Wind load options
- Electric operator
- Chain hoist
- Posi-Tension drums
- Safety bottom fixtures
- Bottom-sensing edge
- Flexible jamb, header seal
- Exhaust ports

\* Refer to General Features and Benefits on inside front cover

The 591 Series is the best-selling door in the Thermacore® line, and offers superior thermal efficiency to fit a broad range of applications. The 591 Series exterior skin is constructed of galvanized steel with a ribbed, textured finish. It is available with a white interior finish and a selection of colors for exterior, including white, Industrial Brown, gray and tan.

### Colors available on 591



White



Industrial Brown



Gray



Tan

For drawings and specifications please visit our website, [www.OverheadDoor.com/architects corner](http://www.OverheadDoor.com/architects%20corner).

Installation and service: Overhead Door Company of Twin Falls







## SERIES 593 594



Installation and service: Overhead Door Company of Twin Falls

### Standard Features At a Glance

Panel thickness	1 3/8" (35 mm)
R-value	12.76 (2.26 W/Msq)
U-value	.078 (.443 Msq/W)
Air infiltration:	
at 15 mph (24 kmph)	.08 cfm (2.26 Lpm)
at 25 mph (40 kmph)	.15 cfm (4.24 Lpm)
Thermal break	Hot melt
Exterior steel	.015" (.38 mm) galv. (593) .012" (.3 mm) galv. (594)
Exterior surface	593—Ribbed, textured 594—Raised-panel, textured
Standard Springs	10,000 cycle
Std. maximum width	20'2" (6147 mm)
Std. maximum height	16'1" (4902 mm)
Exterior color	593: white, gray, tan, Industrial Brown, plus optional Krynar colors: white, brown, beige and Pep Boy gray 594: white, chestnut brown, almond, sandstone, hunter green, terra bronze, plus optional Krynar colors: white, brown and beige
Interior color	White
Limited warranty	10-year delamination 1-year door 3-year/20,000 cycle door and operator system

### Options

- Thermal glazing
- Aluminum sash section available
- High-usage components\*
- Wind load options
- Electric operator
- Chain hoist
- Posi-Tension drums
- Safety bottom fixtures
- Bottom-sensing edge
- Flexible jamb, header seal
- Exhaust ports

\* Refer to General Features and Benefits on inside front cover

The Thermacore® 593 and 594 Series offer excellent thermal efficiency for medium-duty applications. The 593 Series features a ribbed, textured surface.

The 594 Series features a raised-panel, woodgrain textured surface for a more decorative appearance.

### Colors available on 593



White



Industrial Brown



Gray



Tan

### Colors available on 594



White



Almond



Sandstone



Hunter Green



Chestnut Brown



Terra Bronze

For drawings and specifications please visit our website, [www.OverheadDoor.com/architects corner](http://www.OverheadDoor.com/architects%20corner).

Installation and service: Overhead Door Company of Twin Falls



# Light-Duty Thermacore® Doors

## SERIES 598



Installation and service: Overhead Door Company of Albany

### Standard Features At a Glance

Panel thickness	1" (25.4 mm)
R-value	9.31 (1.64 W/Msq)
U-value	.107 (.608Msq/W)
Thermal break	Hot melt
Exterior steel	.012" (.3 mm) galv.
Exterior surface	Ribbed, textured
Standard Springs	10,000 cycle
Std. maximum width	16'2" (4928 mm)
Std. maximum height	14'1" (4293 mm)
Exterior color	White
Interior color	White
Limited warranty	10-year delamination 1-year door 3-year/20,000 cycle door and operator system

### Options

- Thermal glazing
- High cycle springs
- Wind load options
- Electric operator
- Chain hoist
- Posi-Tension drums
- Safety bottom fixture
- Flexible jamb, header seal

The Thermacore® 598 Series is a quality thermal door that provides a higher level of protection against heat and cold conductivity than standard insulated doors. The 598 Series door represents the economical choice for lighter-duty applications.

Color available on 598



White

For drawings and specifications please visit our website,  
[www.OverheadDoor.com/architects corner](http://www.OverheadDoor.com/architects%20corner).

Installation and service: Overhead Door Company of Southwestern Idaho







For drawings and specifications please visit our website,  
[www.OverheadDoor.com/architects corner](http://www.OverheadDoor.com/architects%20corner)

## Framing & Pad Detail

Framing and pad details for common installation of Thermacore® doors in steel, wood, concrete and masonry jambs are provided here. If you require additional information or have special project requirements, refer to the Overhead Door Architectural Design Manual, or consult with the Overhead Door Applications Engineering Group or your local Overhead Door Red Ribbon Distributor.

Steel Jambs	Wood Jambs	Concrete/Masonry Jambs
<p>Opening Width</p> <p>Pad Location*</p> <p>8"</p> <p>Centerline of Shaft</p> <p>Header</p> <p>Centerline of Door</p> <p>Square and Plumb</p> <p>Steel Jamb</p> <p>Headroom*</p> <p>Opening Height</p> <p>6" W x 8" H Steel Pad for Spring Anchor Bracket Mounting</p> <p>* Pad Location for additional shaft support brackets for doors over 18'3" wide</p>	<p>Opening Width</p> <p>Pad Location*</p> <p>8"</p> <p>Centerline of Shaft</p> <p>Header</p> <p>Centerline of Door</p> <p>Square and Plumb</p> <p>Wood Jamb</p> <p>Headroom*</p> <p>Opening Height</p> <p>2" x 6" x 12" Wood Pad for Spring Anchor Bracket Mounting</p> <p>All bolt heads countersunk flush with face of jambs (for wood jambs only)</p> <p>** Additional Pad Location for full vertical doors over 10'1" high @ 750 lbs. and over</p>	<p>Opening Width</p> <p>Centerline of Shaft</p> <p>Shaft support brackets mounted to concrete/masonry</p> <p>Header</p> <p>Centerline of Door</p> <p>Square and Plumb</p> <p>Concrete/Masonry Jamb</p> <p>Headroom*</p> <p>Opening Height</p>

2" (51 mm) Track	2" (51 mm) Track	2" (51 mm) Track
<p>Req'd Sideroom</p> <p>Opening Width</p> <p>Sideroom x 2</p> <p>2"</p> <p>1"</p> <p>Door</p>	<p>Req'd Sideroom</p> <p>Opening Width</p> <p>Sideroom x 2</p> <p>2"</p> <p>1"</p> <p>Door</p>	<p>Req'd Sideroom</p> <p>Opening Width</p> <p>Sideroom x 2</p> <p>2"</p> <p>1"</p> <p>Door</p>
3" (76 mm)* Track	3" (76 mm)* Track	3" (76 mm)* Track
<p>Req'd Sideroom</p> <p>Opening Width</p> <p>Sideroom x 2</p> <p>3"</p> <p>1"</p> <p>Door</p>	<p>Req'd Sideroom</p> <p>Opening Width</p> <p>Sideroom x 2</p> <p>3"</p> <p>1"</p> <p>Door</p>	<p>Req'd Sideroom</p> <p>Opening Width</p> <p>Sideroom x 2</p> <p>3"</p> <p>1"</p> <p>Door</p>

Minimum Required Sideroom		
Track Type	2" Track (51 mm)	3" Track (76 mm)*
Standard Lift	3 1/2" (89 mm)	5 1/2" (140 mm)
Low Headroom	8" (203 mm)	9" (229 mm)
Lift Clearance	3 1/2" (89 mm)	5 1/2" (140 mm)
Full Vertical	3 1/2" (89 mm)	5 1/2" (140 mm)

Minimum Required Sideroom		
Track Type	2" Track (51 mm)	3" Track (76 mm)*
Standard Lift	4 1/2" (114 mm)	6 1/2" (165 mm)
Low Headroom	9" (229 mm)	10" (254 mm)
Lift Clearance	4 1/2" (114 mm)	6 1/2" (165 mm)
Full Vertical	4 1/2" (114 mm)	5 1/2" (140 mm)

\* 3" (76 mm) track not available with 598 Series.

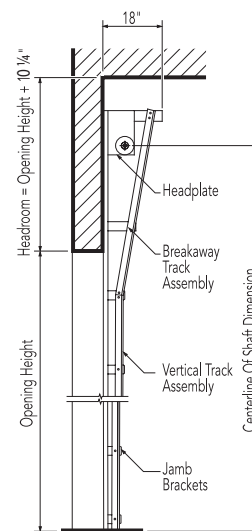
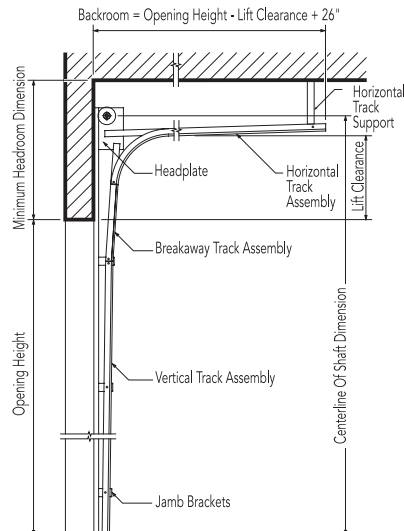
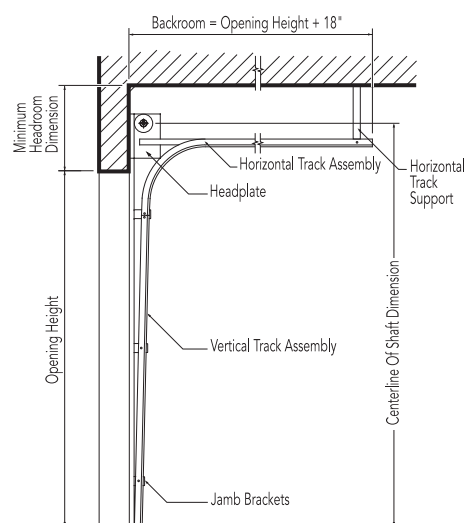




Any of the following track configurations can be selected for all Thermacore® Series Models.

O.H.=Opening Height L.C.=Lift Clearance D.H.=Door Height

Standard Lift Track	Lift Clearance Track Standard	Full Vertical Track
---------------------	----------------------------------	---------------------



**2" (51 mm) Track [15" (381 mm) Radius]**

Door Height	Centerline of Shaft	Minimum Headroom
Thru 12'0" (3658 mm)	O.H. + 11 5/8" (295 mm)	14 1/4" (362 mm)
Thru 16'0" (4877 mm)	O.H. + 12 5/8" (321 mm)	16" (406 mm)

**3" (76 mm) Track [15" (381 mm) Radius]**

Thru 18'0" (5486 mm)	O.H. + 14 5/8" (372 mm)	18" (457 mm)
Thru 32'0" (9754 mm)	O.H. + 16 7/8" (429 mm)	21 1/2" (546 mm)

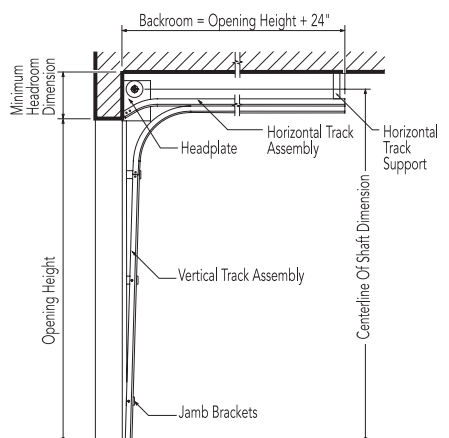
**2" (51 mm) Track [15" (381 mm) Radius]**

Door Height	Centerline of Shaft	Minimum Headroom
Thru 12'0" (3658 mm)	O.H. + L.C. + 5 5/8" (143 mm)	L.C. + 8 3/4" (222 mm)
Thru 16'0" (4877 mm)	O.H. + L.C. + 5 5/8" (143 mm)	L.C. + 11 1/4" (286 mm)

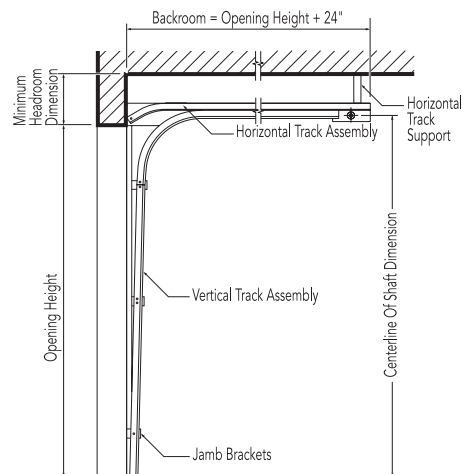
**3" (76 mm) Track [15" (381 mm) Radius]**

Thru 22'0" (6706 mm)	O.H. + L.C. + 6 5/8" (168 mm)	L.C. + 11 1/2" (292 mm)
Thru 32'0" (9754 mm)	O.H. + L.C. + 6 5/8" (168 mm)	L.C. + 12 1/4" (311 mm)

**Low Headroom Track  
Springs to Front**



**Low Headroom Track  
Springs to Rear**



**2" (51 mm) Track [15" (381 mm) Radius]**

Door Height	Centerline of Shaft	Minimum Headroom
Thru 12'0" (3658 mm)	D.H. + 8" (203 mm)	11 3/4" (299 mm)
Thru 16'0" (4877 mm)	D.H. + 8" (203 mm)	12 1/2" (318 mm)

**3" (76 mm) Track [15" (381 mm) Radius]**

Thru 12'0" (3658 mm)	D.H. + 9" (229 mm)	13" (330 mm)
Thru 32'0" (5486 mm)	D.H. + 9" (229 mm)	13 3/4" (349 mm)

## Operator Control Options

- Push-button, key or combination stations; surface or flush-mounted for interior and/or exterior locations
- Vehicle detectors, key card reader, photocell and door timer controls
- Treadle or pull switch stations
- Telephone entry and coded keyboard stations
- Universal programmable door timer
- Commercial light package
- Radio control systems (24 VAC or 120 VAC)
- Explosion and dust ignition-proof systems

## Electric Operator Selection Guide

	Horsepower/ Newtons	Max. height of door	Max. weight of door	SuperBelt™/Polybelt	Worm gear	Adjustable clutch	Totally enclosed	Continuous duty	Explosion proof	Mounting type
<b>RHX®</b>	1/2 HP, 3/4 HP 1 HP, 3 HP	24' (7315 mm)	3996 lbs (1676 kg)		•	•		•	•	T, S, C
<b>RSX®</b>	1/2 HP, 3/4 HP 1 HP	24' (7315 mm)	1620 (735 kg)	•		•	•	•		T, S, C
<b>RMX®</b>	1/2 HP	14' (4267 mm)	620 (281 kg)							T, S
<b>RDX®</b>	650 N, 1300 N	33' (10,057 mm)	900 (509 kg)	•						S

Mounting Options: T=Trolley S=Side mount C= Center mount

## Safety Recommendations

Overhead Door Corporation strongly recommends the use of a primary safety device as defined by UL325 2010. A primary safety device can be approved monitored photo-eyes or an approved monitored sensing edge. If a primary safety device is not installed, a constant contact control switch must be used to close the door. Contact Overhead Door for more information.

### Model RDX®

The RDX® is designed for limited space applications and is available in both medium and standard duty motor options designed to operate doors up to 40' (12192 mm) in height and 900 pounds (409 kg). It offers unique features like a lightweight DC motor, automatic limit setting and sensitive obstruction detection.



Overhead Door Corporation offers the broadest line of electric operators to suit new construction and retrofit applications, as well as unusual or special requirements.

Manufactured by Overhead Door Corporation to meet the exacting performance requirements of Overhead Door's upward-acting doors, our ribbon branded operators afford precise control of door action for years of trouble-free operation.

In order to improve safety and enhance door and motor life, industry quality assurance guidelines recommend the choice of a single manufacturer for both door and operator applications. Overhead Door Corporation is the only national manufacturer of a full line of commercial and industrial doors and operators specifically designed for integral applications.

## Operator Models

### Model RMX®

Model RMX® is an advanced medium-duty operator. It is designed for quicker installation and hassle-free operation and operates doors up to 14' (4267 mm) in height and 620 pounds (282 kg). It is available as a trolley-type or side-mounted unit.



### Model RSX®

Model RSX® is a standard duty commercial operator designed to operate doors up to 24' (7315 mm) in height and 1,620 pounds (735 kg). It offers unique features like LimitLock®, SuperBelt™ & 16 digit menu setup.



### Model RHX®

Model RHX® is a heavy duty commercial operator designed to operate doors up to 24' (7315 mm) in height and 3,696 pounds (1676 kg). Available as either a trolley, sidemount or centermount.

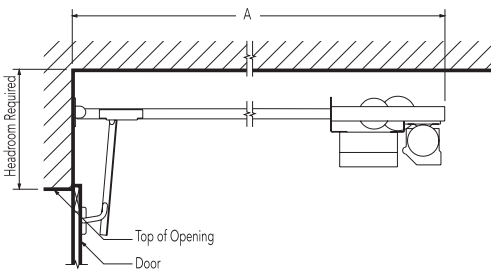




## Mounting Details

Trolley-type (Drawbar) operators feature a power unit mounted between, above and to the rear of the horizontal tracks. The drawbar drive provides positive control of the door at all times, making this operator the preferred choice whenever possible. Maximum door width is 20' per drawbar. Door width over 20' requires dual drawbar installation. Available on Models RMX®, RSX® and RHX®.

### Trolley-type (Drawbar) RMX®, RSX®, RHX®

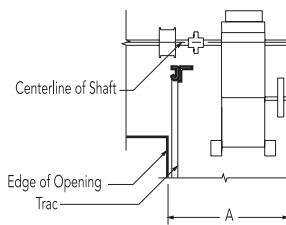


Minimum Headroom Requirements	
RMX	Track Requirements +4 1/2" (114 mm)
RSX	Track Requirements +5" (127 mm)
RHX	Track Requirements +5" (127 mm)

Depth Requirements - "A" Dimension (Backroom)	
RMX	Door Height +4' 0" (1219 mm)
RSX	Door Height +4' 0" (1219 mm)
RHX	Door Height +4' 10" (1219 mm)

Side-mounted (Jackshaft) RMX®, RSX®, and RHX® operators feature a power unit mounted on the inside front wall and connected to the crosshead shaft, with an adjustable coupling or drive chain and sprockets. Side-mounted (Jackshaft) RDX operators feature a power unit mounted directly to the cross header shaft, and secured to the door track.

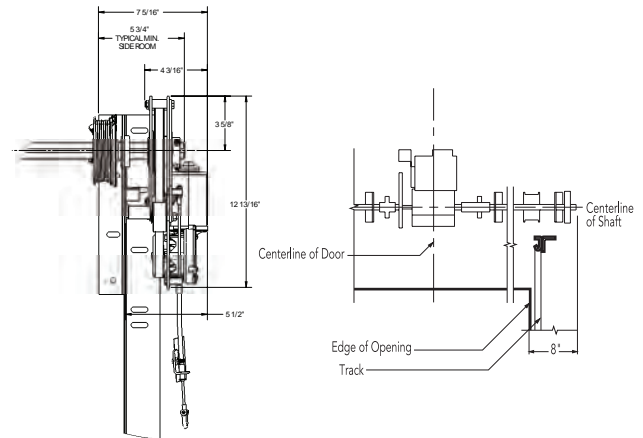
### Side Mount Type (Jackshaft) RMX®, RSX®, RDX®



"A" Dimension - Minimum (Sideroom)		
	2" Track (51 mm)	3" Track (76 mm)*
RMX	18 1/2" (470 mm)	19 1/2" (495 mm)
RSX	21" (533 mm)	22" (559 mm)
RHX	21" (533 mm)	22" (559 mm)
RDX	5 3/4" (146 mm)	5 3/4" (146 mm)

Center-mounted (Jackshaft) operators feature a power unit on the front wall above the door opening. No additional backroom is required. Available on models RSX® and RMX®.

### Center Mount Type (Jackshaft) RMX®



Minimum Headroom Requirements	
RSX	Track Requirements +14" (356 mm)
RHX	Track Requirements +23 5/8" (600 mm)

---

## 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 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 400 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/architects corner](http://www.OverheadDoor.com/architects%20corner)



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 Red Ribbon 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](http://www.OverheadDoor.com)



INDUSTRY LEADING  
COMMERCIAL & INDUSTRIAL SOLUTIONS

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



A part of Sanwa Holdings Corporation