



# THERMOSPAN<sup>®</sup> 125

INSULATED SECTIONAL  
STEEL DOORS CUT  
YOUR TOTAL COST



## WAYNE DALTON COMMERCIAL DOORS

### Thermospan<sup>®</sup> 125

Wayne Dalton's Thermospan<sup>®</sup> 125 doors feature continuous foamed-in-place polyurethane insulation and standard joint seal that provide an R-value of 10.79. As a result, the door's construction provides a substantially higher thermal efficiency than industry standard polystyrene insulated doors.

The Wayne Dalton Thermospan<sup>®</sup> doors are the only doors in the industry with patented, roll-formed integral struts on each section, making them the most rigid doors available.

- THERMALLY EFFICIENT  
R-VALUE: 10.79, U-VALUE: 0.093
- STANDARD SIZES UP TO  
16' 2" WIDE AND 16' 1" HIGH
- COMPETITIVELY PRICED
- COMMERCIAL DURABILITY
- INTEGRAL STEEL STRUTS  
FOR SUPERIOR STRENGTH



### Standard Features Overview

#### Thermal Efficiency

R-value*	10.79
U-value	.093
Thermal Break	Thermoplastic Adhesive

#### Construction

Panel Thickness	7/8" (22.23 mm)
Max Height	16'1"
Max Width	16'2"
Exterior Steel	.009"
Interior	Roll formed with two 1-3/4" integral struts sealed with polypropylene rib caps
Standard Springs	10,000 cycle

#### Color and Window Options

Interior Color	White
Exterior	Surface

Warranty	EIGHT (8) YEARS against cracking, splitting, rust deterioration and delamination. ONE (1) YEAR against defects in material and workmanship
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#### Codes and ASTM Standard Class

STC (ASTM E 413)	Class 21
OITC (ASTM E 1332)	Class 18
ASTM E 84	Class A (FS 10 or less/SD 210 or less)
UBC 17-5	Meets
ASTM D 1929	Flash ignition = 734° F, Self ignition = 950° F

### Options

- Vision Lites
- Chain Hoist Operation
- Motor Operation
- Sensing Edges
- Photo Eyes
- High Cycle Spring (25K, 50K, 100K)
- 3" Track Option
- Solid Shafts
- Perimeter Weatherseal
- Special Track Designs
- Mullions

**Ideal for applications where thermal efficiency is important, and competitive cost is essential, Wayne Dalton's Thermospan® 125 sectional door features a foamed-in-place polyurethane core firmly bonded to hot-dipped galvanized inner and outer skins.**

Integral roll-formed struts per section add rigidity and strength, making the Thermospan® 125 suitable for commercial and industrial applications.

The patented Thermospan® design demonstrates that overhead doors need not be the weak link in an energy-efficient building.

### Materials & Construction

Thermospan® 125 doors feature pre-painted inner and outer skins made from hot-dipped galvanized steel for added corrosion protection.

The exterior surface is pebbled and grooved, enhancing the appearance while providing improved strength, and each section is reinforced with two 1-3/4" integral roll-formed struts for even greater rigidity.

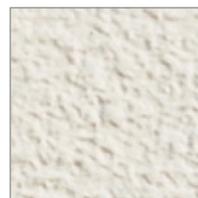
Hot-dipped 18-gauge galvanized end caps offer a superior surface for hinge attachment.

Our standard joint seal reduces air infiltration. The seal combined with the polyurethane core provides excellent thermal efficiency.

Factory-installed vision lites (24" x 6") are available, as are automatic door openers.

### Finish Options

**White Embossed Stucco Finish**



**Wind load options available**

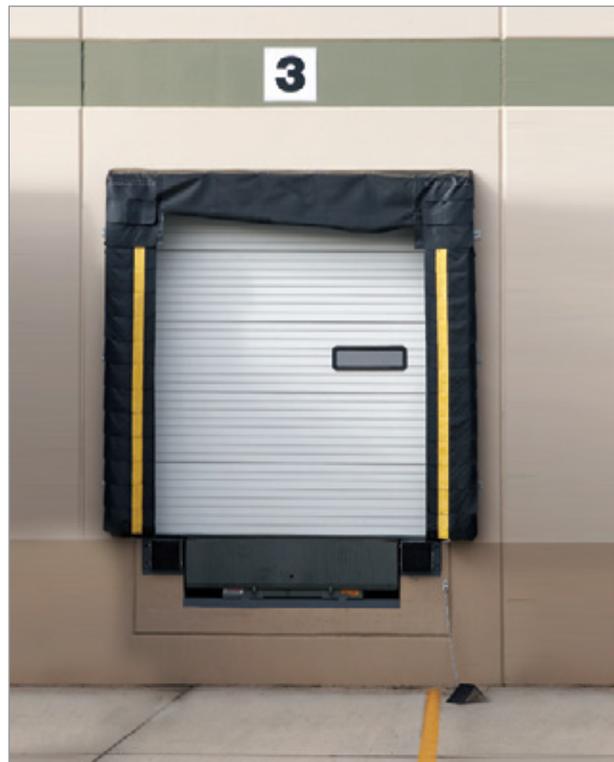


\*Wayne Dalton uses a calculated R-value for our insulated doors.

# THERMOSPAN® 125



## Lite Options



Vision Lites allow for visibility while maintaining security

### Pre-painted (white polyester finish) inner and outer skins

provide corrosion resistance. Both skins are hot-dipped galvanized steel for further protection against corrosion.

### Pin stripes

(grooves) and pebble finish on outer skin add strength and enhance appearance.

Two patented, integral 1-3/4" roll-formed struts per section add rigidity and strength.

### (industry exclusive)

### 18-gauge hot-dipped galvanized steel "wrap-around" end caps

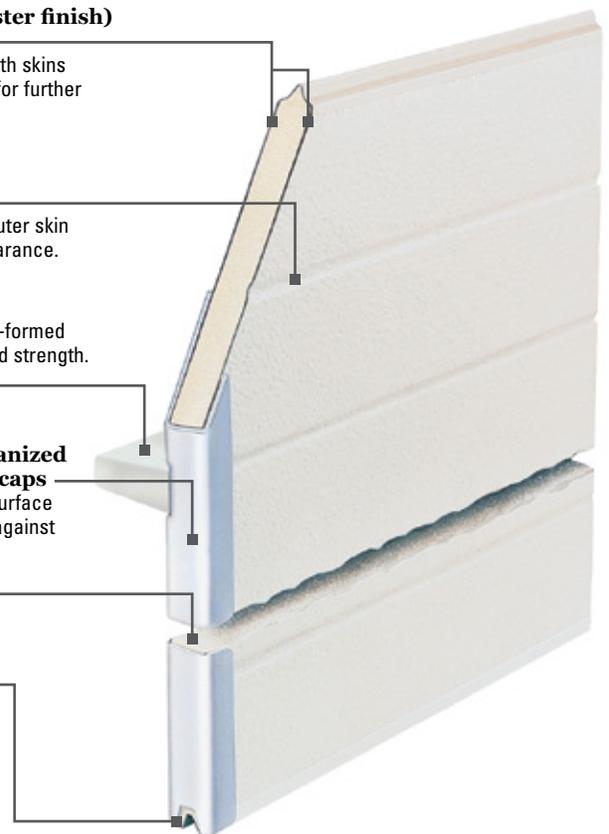
offer interior hinge attachment surface and exterior leg for proper seal against jamb.

### Solid polyurethane core

adds to insulating efficiency.

### Standard joint seal

prevents air infiltration and saves energy.



## General Operating Clearances

Type	Headroom***		Sideroom**		Depth into Room	Center Line of Springs	
	2" Track	3" Track	2" Track	3" Track	2" & 3" Track	2" Track	3" Track
Standard Lift Manual 12" R	13"-17"	NA	4.5"	5.5"	Opening Height +18"	Opening Height +12"	N/A
Standard Lift Manual 15" R	15"-20"	16"-21"				Opening Height +13"	Opening Height +14"
Standard Lift Motor Oper. 12" R	15"-20"	NA			Opening Height +66"	Opening Height +12"	N/A
Standard Lift Motor Oper. 15" R	15"-20"	18"-24"				Opening Height +13"	Opening Height +14"
High Lift Manual	High Lift +12"		24" One Side		Opening Height -Lift +30"	Opening Height +Lift +6.5"	Opening Height +Lift +7.5"
High Lift Motor Oper.							
Vertical Lift Manual	Door Height +20"		4.5"	5.5"	18"	Double Door Height +13"	
Vertical Lift Motor Oper.			24" One Side				
Low Headroom Manual*	6"-15"	6"-15"	6"	9"	Opening Height +20" to-26"	N/A	
Low Headroom Motor Oper.*	9"-17"	9"-17"			Opening Height +66"		

## Panel/Section Selection Guide

Door Section and Lite Selection			Door Height and Section Selection	
Door Width	Number of Panels	Maximum Number of Windows	Door Height	Number of Sections
Up to 9'2"	2	2 or 3	Up to 8'1"	4
9'3" to 12'2"	3	3 or 4	8'8" to 10'1"	5
12'3" to 16'2"	4	4 or 5	10'5" to 12'1"	6
			12'-2" to 14'-1"	7
			14'-2" to 16'-1"	8
			16'2" & Up	Call Factory

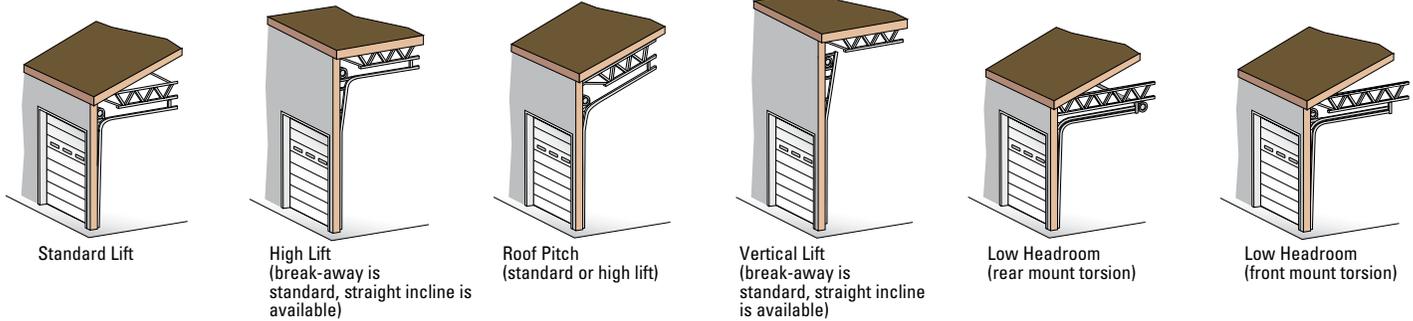
For assistance from the factory, please call  
800 827-3667

\*Springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed.

\*\*8" side-room required, one side, for doors with chain hoist.

\*\*\*Headroom for standard lift depends on drum size, and varies over the range listed.

## Track Selection Guide



FOR TECHNICAL INFORMATION, VISIT [WWW.WAYNE-DALTON.COM/COMMERCIAL](http://WWW.WAYNE-DALTON.COM/COMMERCIAL)

## Architect Resource Center

[www.wayne-dalton.com/commercial](http://www.wayne-dalton.com/commercial)

Go to [www.wayne-dalton.com/commercial](http://www.wayne-dalton.com/commercial) and click on the Architect Resource Center. Here you will quickly find all of the specifications, drawings and documents you need to complete your project.

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