

# THERMOMARK™ 5150/5200

SECTIONAL STEEL DOORS



*Colonial panel, Almond finish*

## THERMAL EFFICIENCY AND LOW MAINTENANCE

The ThermoMark™ Models 5150 and 5200 combine strength, insulation, and aesthetic appeal for applications that require all three features.

A variety of colors are available including wood grain finishes that emulate the look of real wood. Foamed-in-place polyurethane insulation helps improve the thermal efficiency, offering year-round comfort while also helping to provide quiet door operation.

\*Wayne Dalton uses a calculated door section R-value and U-value for our insulated doors.

## » EXCELLENT THERMAL QUALITIES

» 5150: R-VALUE = 12.12\*  
U-VALUE = .0825\*

» 5200: R-VALUE = 16.22\*  
U-VALUE = .0616\*

» STANDARD SIZES UP TO  
20' HIGH AND 26' WIDE

» RUGGED AND DURABLE

# THERMOMARK™ 5150/5200

## STANDARD FEATURES OVERVIEW

### THERMAL EFFICIENCY

<b>R-VALUE*</b>	Model 5150: 12.12 Model 5200: 16.22
<b>U-VALUE*</b>	Model 5150: .0825 Model 5200: .0616
<b>THERMAL BREAK</b>	Yes
<b>AIR INFILTRATION**</b>	Model 5150: 0.23 cfm/ft <sup>2</sup> at 25 mph Model 5200: 0.17 cfm/ft <sup>2</sup> at 25 mph

\*\*ThermoMark™ 5150/5200 meet IECC® requirements for maximum U-factor of operable fenestrations and ASHRAE 90.1 and IECC® requirements for maximum air leakage of fenestration assemblies.

### CONSTRUCTION

<b>PANEL THICKNESS</b>	Model 5150: 1-3/8" Model 5200: 1-7/8"
<b>MAX HEIGHT</b>	20'1"
<b>MAX WIDTH</b>	Model 5150: 20'2" Model 5200: 26'2"
<b>EXTERIOR STEEL</b>	0.015" (.35mm)
<b>EXTERIOR SURFACE</b>	Embossed wood grain finish or stucco embossed pinstripe finish
<b>INTERIOR SURFACE</b>	Pinstripe
<b>STANDARD SPRINGS</b>	10,000 cycles
<b>SOUND TRANSMISSION</b>	Class 20
<b>INTERIOR COLOR</b>	White
<b>EXTERIOR COLOR</b>	Model 5150: White, Almond, Taupe, Terra Bronze, Brown, Black, Golden Oak, Walnut, Mission Oak Model 5200: White, Almond, Taupe, Terra Bronze, Brown, Black

### WARRANTY

<b>TERMS</b>	Ten (10) years against delamination, cracking, splitting or deterioration due to rust-through
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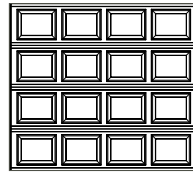
### OPTIONS

- Factory glazed windows
- Aluminum full-view sections
- Jamb seal
- High cycle springs (25k, 50k, 100k)
- 3" Track
- Chain hoist operation
- Motor operation
- Broken cable devices
- Sensing edges
- Photo eyes
- Special track designs
- Mullions

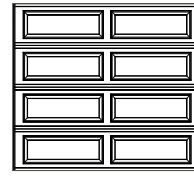
Wind load options available



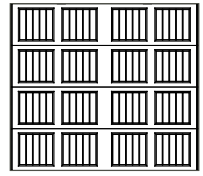
## PANEL OPTIONS



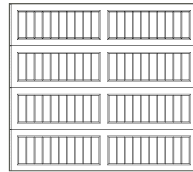
Colonial



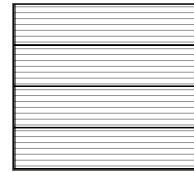
Ranch



Sonoma



Sonoma Ranch\*



Stucco Embossed Pinstripe

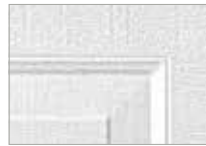


Flush

\*Available on Model 5150 only

## COLOR AND FINISH OPTIONS

### Standard Paint Finishes



White



Almond



Taupe



Terra Bronze



Brown



Black

### Wood Grain Finishes

(Available on Sonoma and Sonoma Ranch only)



Golden Oak

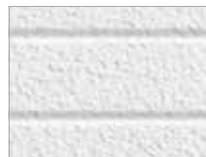


Walnut



Mission Oak

### Stucco Embossed Pinstripe Finishes



White



Almond



Taupe



Brown



Black

Actual colors may vary from brochure due to fluctuations in the printing process. Always request a color sample from your Dealer for accurate color matching.

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

## WINDOW OPTIONS

### FOR COLONIAL PANELS



Cascade I



Cathedral I



Clear I



Sherwood I



Stockton I



Waterton I



Williamsburg I

### FOR RANCH PANELS



Cascade II



Cathedral II



Clear II



Sherwood II



Stockton II



Stockbridge



Waterton II



Williamsburg II

### FOR SONOMA PANELS



Cascade I



Cascade III



Cathedral I



Clear I



Clear III



Stockton I



Stockton III



Arched Stockton



Stockbridge



Waterton I



Waterton III

### FOR SONOMA RANCH PANELS (Model 5150 only)



Ashton IV



Cascade IV



Cathedral IV



Clear IV



Ruston IV



Sherwood IV



Stockford IV



Stockton IV



Stockton IV (4-Lite)



Stockton IV (6-Lite)



Stockton IV (8-Lite Arched)



Stockton IV (12-Lite)



Arched Stockton IV



Stockbridge IV (3-Lite)



Stockbridge IV (4-Lite)



Waterton IV



Williamsburg IV



Wyndbridge IV



Williamsburg IV Double

# 5150/5200

# SECTIONAL DOOR SYSTEMS

## FOR STUCCO EMBOSSED PINSTRIPE AND FLUSH PANELS



Aluminum Full-View



Cascade I



Cathedral I



Clear I



Clear III



Stockton I



Thermolite



Waterton I



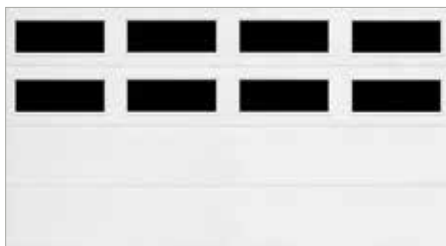
Williamsburg I

Not all windows available on all door sizes. See dealer for details.  
See website for additional window options.

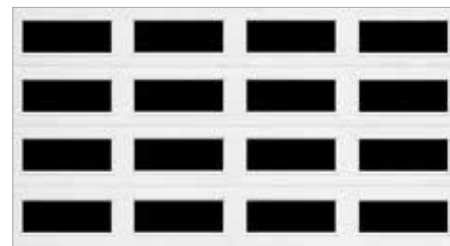
## OPTIONAL WINDOW PLACEMENT



Vertical window



Double row window



All window (Model 5150 only)

Windows may be arranged vertically or horizontally on Colonial, Ranch and Flush designs. Windows placed in the bottom section of a door must use DSB 1/8", or tempered, or 1/2" insulated glass.



Flush panel, Thermolite windows

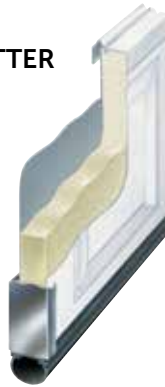
# THERMOMARK™ 5150/5200



Sonoma panel, Golden Oak finish



**BETTER**



**BEST**



MODEL NUMBER	5150	5200
Polyurethane insulation	Yes	Yes
Insulation R-value*	12.12	16.22
Construction	3-Layer (Steel/Insulation/Steel) 1-3/8" Steel Panels	3-Layer (Steel/Insulation/Steel) 1-7/8" Steel Panels
Tongue-and-groove section	Yes	Yes
Joints to seal out weather	Yes	Yes
Thermal break	Yes	Yes
10-Year limited warranty	Yes	Yes

\*Wayne Dalton uses a calculated door section R-value and U-value for our insulated doors.

## GENERAL OPERATING CLEARANCES

TYPE	HEADROOM		SIDEROOM		DEPTH INTO ROOM	CENTER LINE OF SPRINGS	
	2" TRACK	3" TRACK	2" TRACK	3" TRACK	2" AND 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"		

### NOTES:

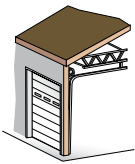
- 1) Springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed.
- 2) 8" side-room required, one side, for doors with chain hoist.
- 3) Headroom for standard lift depends on drum size, and varies over the range listed.

## PANEL/SECTION SELECTION GUIDE

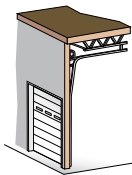
DOOR WIDTH	NUMBER OF PANELS*	MAXIMUM NUMBER OF LITES	DOOR HEIGHT	NUMBER OF SECTIONS
Up to 9'2"	2	2 or 3	Up to 8'1"	4
9'3" to 12'2"	3	3 or 4	8'3" to 10'1"	5
12'3" to 16'2"	4	4 or 5	10'3" to 12'1"	6
16'3" to 19'2"	5	6	12'2" to 14'1"	7
19'2" to 24'2"	6	7	14'2" to 16'1"	8
24'3" to 26'2"	7	8	16'2" to 18'1"	9
			18'2" to 20'1"	10

\* For flush design only

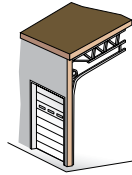
## TRACK SELECTION GUIDE



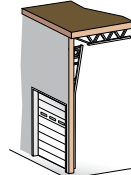
**STANDARD LIFT**



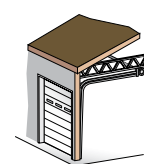
**HIGH LIFT**  
break-away is standard, straight incline is available



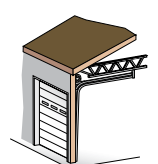
**ROOF PITCH**  
standard or high lift



**VERTICAL LIFT**  
break-away is standard, straight incline is available



**LOW HEADROOM**  
rear mount torsion



**LOW HEADROOM**  
front mount torsion



## Architect Resource Center

Visit [wayne-dalton.com/architect-resource-center](http://wayne-dalton.com/architect-resource-center) to find our Architect Resource Center. In this tool, you will quickly find all of the specifications, drawings and documents you need to complete your project.

**Wayne Dalton**  
COMMERCIAL DOORS

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