

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

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

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

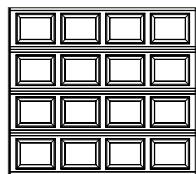
WARRANTY

TERMS	Ten (10) years against delamination, cracking, splitting or deterioration due to rust-through
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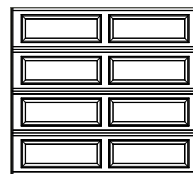
OPTIONS

- 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

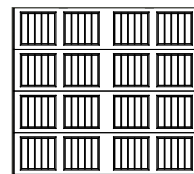
PANEL OPTIONS



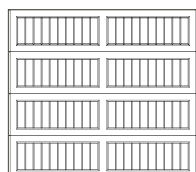
Colonial



Ranch



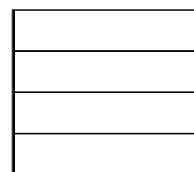
Sonoma



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

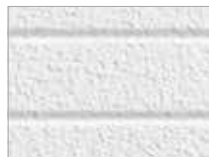


Walnut



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.

Wind load
options available



*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



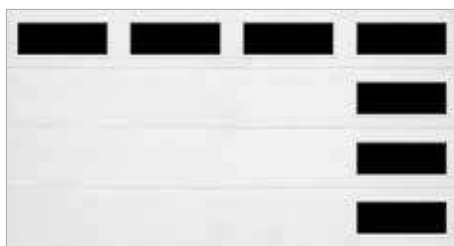
Waterton I



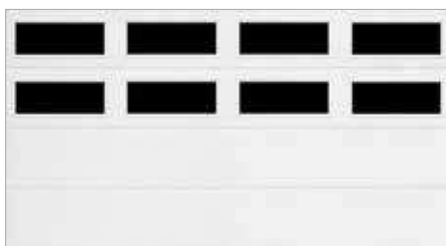
Williamsburg I

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

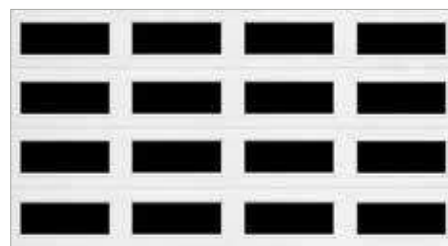
OPTIONAL WINDOW PLACEMENT



Vertical window



Double row window



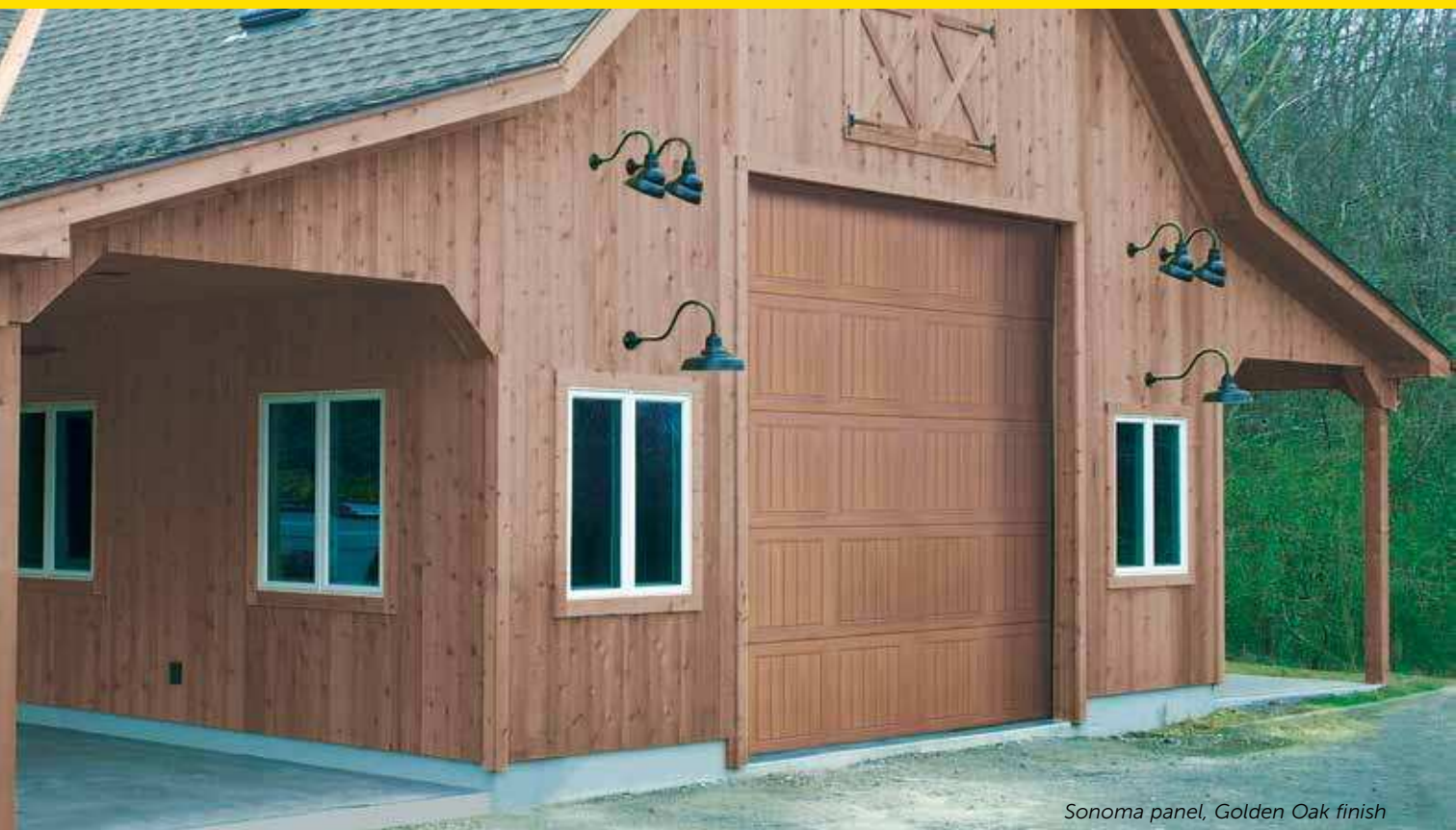
All window (Model 5150 only)

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 $\frac{1}{8}$ ", or tempered, or $\frac{1}{2}$ " insulated glass.



Flush panel, Thermolite windows

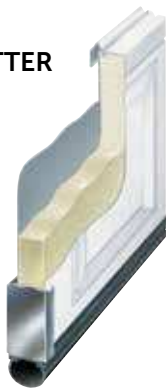
THERMOMARK™ 5150/5200



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:

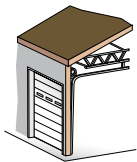
- 1) Springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed.
- 2) 8" side-room required, one side, for doors with chain hoist.
- 3) Headroom for standard lift depends on drum size, and varies over the range listed.

PANEL/SECTION SELECTION GUIDE

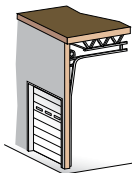
DOOR WIDTH	NUMBER OF PANELS*	MAXIMUM NUMBER OF LITES	DOOR HEIGHT	NUMBER OF SECTIONS
Up to 9'2"	2	2 or 3	Up to 8'1"	4
9'3" to 12'2"	3	3 or 4	8'3" to 10'1"	5
12'3" to 16'2"	4	4 or 5	10'3" to 12'1"	6
16'3" to 19'2"	5	6	12'2" to 14'1"	7
19'2" to 24'2"	6	7	14'2" to 16'1"	8
24'3" to 26'2"	7	8	16'2" to 18'1"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

* For flush design only

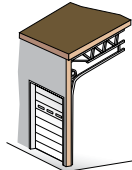
TRACK SELECTION GUIDE



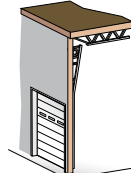
STANDARD LIFT



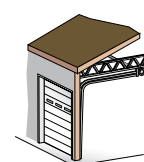
HIGH LIFT
break-away is standard, straight incline is available



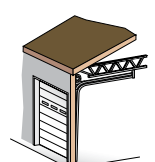
ROOF PITCH
standard or high lift



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



LOW HEADROOM
rear mount torsion



LOW HEADROOM
front mount torsion



Architect Resource Center

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Wayne Dalton
COMMERCIAL DOORS

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