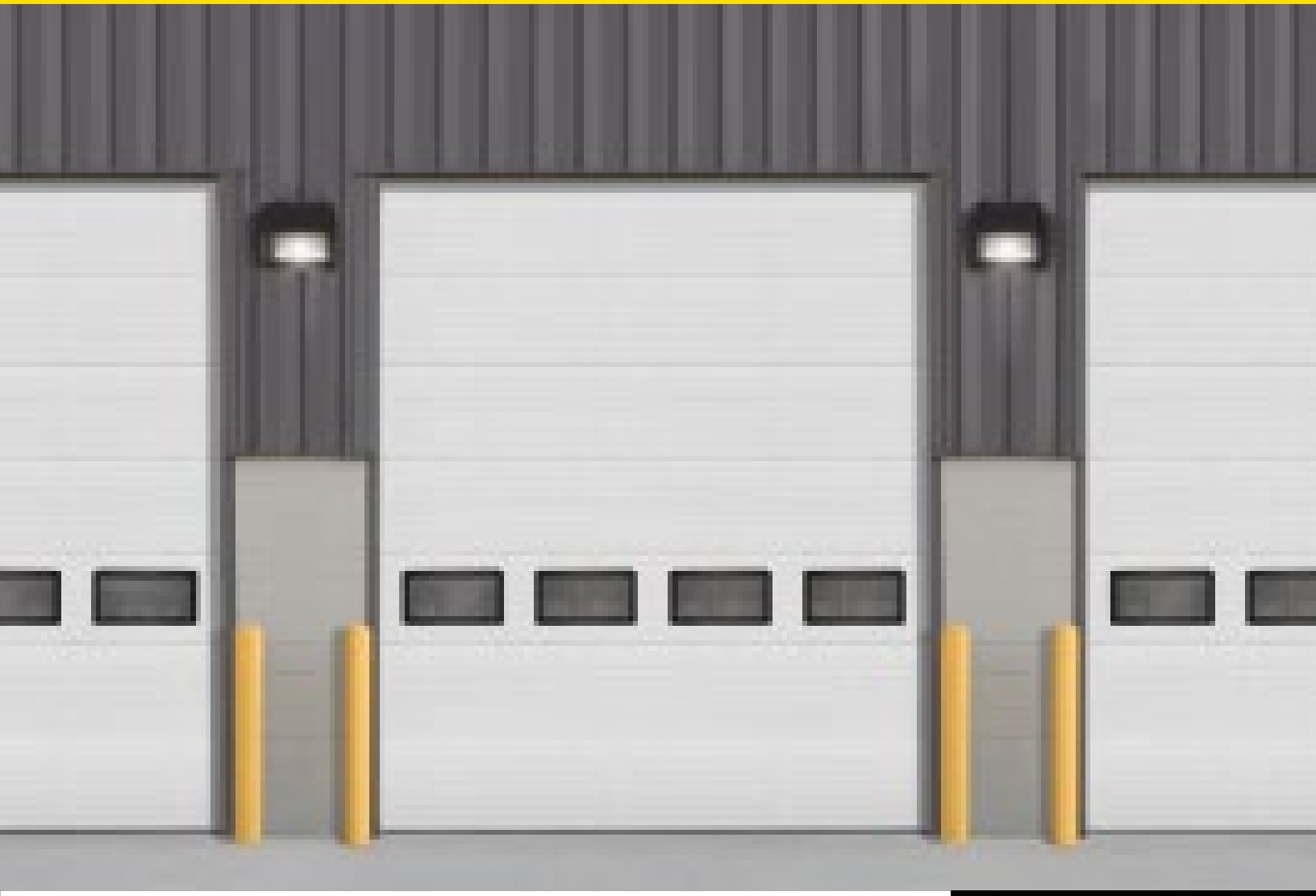
Wayne Dalton™

THERMOMARK™ 530

SECTIONAL STEEL DOORS



PREMIUM 3" THICK POLYURETHANE DOOR DELIVERS AN OPTIMUM RETURN ON INVESTMENT

ThermoMark™ Model 530 is the strongest and most thermally efficient door in our commercial sectional line-up. Designed to withstand tough weather conditions, this door is the preferred choice for larger openings.

Wayne Dalton ThermoMark™ insulated doors help minimize energy costs and provide year-round comfort and security for your building. Hot-dipped galvanized steel and rugged construction give the door years of solid performance for the most demanding conditions.

**U-Factors are based on independent testing and verified per ANSI/DASMA 105. For products other than aluminum full-view doors, testing was conducted on specific sizes of solid doors. Actual thermal performance may vary by door size and configuration.*

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

- POLYURETHANE INSULATION WITH U-FACTOR* OF 0.14 AND R-VALUE** OF 26
- STANDARD SIZES UP TO 40' WIDE AND UP TO 24' HIGH
- EXTRA RUGGED AND DURABLE

THERMOMARK™ 530

STANDARD FEATURES OVERVIEW

THERMAL EFFICIENCY

U-FACTOR*	0.14
R-VALUE**	26
AIR LEAKAGE RATING	.09

CONSTRUCTION

MAX WIDTH	40' (1,2192 mm)
MAX HEIGHT	24' (7,315.2 mm)
SECTION THICKNESS	3"
JOINT PROFILE	Patented dual barrier tongue-and-groove

WARRANTY

TERMS	One (1) year limited

OPTIONS

- Chain hoist operation
- Motor operation
- Factory installed top weatherseal
- Continuous wall angle standard
- Sensing edges
- Photo eyes
- Cable failure device
- Special track designs
- High cycle springs
- High usage components
- Patented thermal performance jamb seal

Wind load options available

Wayne Dalton Certified windSAFE

DASMA Door & Access Systems Manufacturers Association International
THERMAL PERFORMANCE VERIFICATION PROGRAM
www.dasma.com/thermal

Wayne Dalton participates in the DASMA Thermal Performance Verification Program. The program verifies the thermal performance of sectional doors. The lower the U-factor rating, the better the thermal performance.

Symbol indicates verified U-factor rating in accordance with the DASMA Thermal Performance Verification Program.

*U-Factors are based on independent testing and verified per ANSI/DASMA 105. For products other than aluminum full-view doors, testing was conducted on specific sizes of solid doors. Actual thermal performance may vary by door size and configuration.

**Wayne Dalton uses a calculated door section R-value for our insulated doors. Meets IECC® requirements for maximum U-factor of operable fenestrations and ASHRAE 90.1 and IECC® requirements for maximum air leakage of fenestration assemblies.

ThermoMark™ Model 530 is designed to deliver optimal performance in commercial and industrial applications where climate control, durability and less maintenance are the primary concerns.

These premium 3" thick foamed-in-place polyurethane insulated doors have a U-factor* of 0.14 and a R-value** of 26, as well as a low air infiltration rating of 0.21 cfm/ft^2 at 25 mph. A sound transmission class of 22 minimizes noise transfer through and around the door.

MATERIALS AND CONSTRUCTION

The ThermoMark™ 530 is made with hot-dipped galvanized steel that is pre-painted prior to manufacturing with a two-coat system of polyester paint with a finished coat (includes primer).

Inside and outside skins are roll-formed and separated with a 1-3/4" true PVC thermal break to eliminate heat or cold transfer from front to back steel skins.

Continuous steel strips allow hinges to be placed anywhere along the section and provides the ability for sections to be inventoried and cut down to size.

The bottom weatherseal is a two-piece bulb type astragal that is specially designed to include one interior dual durometer PVC bulb and one exterior EPDM bulb. (outer EPDM seal is optional).

Section end stiles are 14-or 16-gauge hot-dipped galvanized steel and feature a PVC thermal break to eliminate heat or cold transfer from front to back steel skins.

FINISH OPTIONS

Stucco Embossed

White

Almond

Sandstone

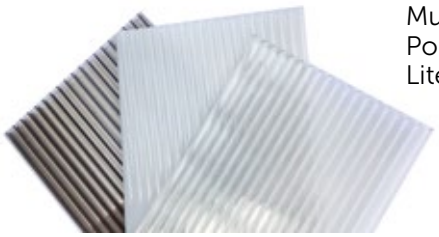
Brown

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.

SECTIONAL STEEL DOORS

LITE OPTIONS

Large Lites - 25" x 13" available with insulated or tempered glass. Black frame is standard. Color matched frames are available.



Multiwall Polycarbonate Lites

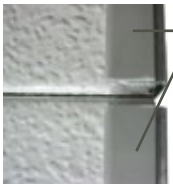
MATERIALS

(3" thick foamed-in-place polyurethane sections) feature continuous steel strips for flexibility in hinge placement

(Dual barrier tongue-and-groove joint profile) creates a virtually impenetrable path for air leakage in between sections.

(Patented thermal performance jamb seal) (optional) combines a longer flapper seal and bulb seal for superior perimeter protection.

(Bottom weatherseal) with rigid PVC retainer and dual durometer PVC bulb seal locks out air and water leakage through the bottom section. Optional outer EPDM bulb seal provides additional protection.



(PVC thermal break) on end stiles limits the transfer of temperature.

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"				Opening Height -Lift +30"	Opening Height +Lift +6.5"	Opening Height +Lift +7.5"
High Lift Motor Oper.			24" One Side				
Vertical Lift Manual 12" R	Door Height +20"		4.5"	5.5"	18"	Double Door Height +13"	
Vertical Lift Motor Oper. 12" R			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

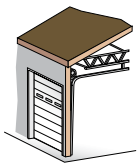
DOOR WIDTH	NUMBER OF PANELS	NUMBER OF LITES
8'2" 9'2"	2	2
9'3" to 12'2"	3	3
12'3" to 16'2"	4	4
16'3" to 19'2"	5	5
19'3" to 24'2"	6	6
24'3" to 26'2"	7	7
26'3" to 28'2"	7	7
Over 28'3"	7	7

DOOR HEIGHT	NUMBER OF SECTIONS
Up thru 8'1"	4
8'2" thru 10'1"	5
10'2" thru 12'1"	6
12'2" thru 14'1"	7
14'2" thru 16'1"	8
16'2" thru 20'1"	9
18'2" thru 20'1"	10
20'2" thru 22'2"	11
22'2" thru 24'4"	12

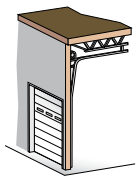
NOTES:

1. For low headroom, springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed. See approval drawing.
2. Side-room of 8" required, one side, for doors with chain hoist.
3. Headroom depends on drum size, and varies over the range listed. See approval drawing.

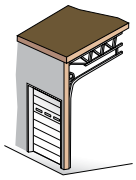
TRACK SELECTION GUIDE



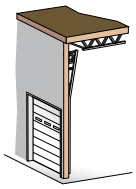
STANDARD LIFT



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

Scan the QR code to go to our Architect Resource Center. In this tool, you will quickly find all of the specifications, drawings and documents you need for your project.

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