

# MODEL C-20

SECTIONAL STEEL DOORS



## WHEN STRENGTH AND IMPACT RESISTANCE ARE CRITICAL ON COMMERCIAL AND INDUSTRIAL APPLICATIONS

Wayne Dalton's Model C-20 Sectional Steel Doors are available in a wide variety of sizes and configurations. The design provides high strength at an excellent value.

Featuring 20-gauge ribbed steel sections and 20-gauge center and end stiles, the Model C-20 is available with a number of lite and insulation options.

- » 20-GAUGE STEEL CONSTRUCTION
- » PROVEN STRENGTH AND DURABILITY
- » STANDARD SIZES UP TO 22'1" HIGH AND 30'2" WIDE

# MODEL C-20

## STANDARD FEATURES OVERVIEW

### THERMAL EFFICIENCY

R-VALUE*	7.64 (with optional insulation)
U-VALUE*	0.13 (with optional insulation)

### CONSTRUCTION

MAX HEIGHT	22'1" (6,736 mm)
MAX WIDTH	30'2" (9,205 mm)
EXTERIOR STEEL	20-gauge
EXTERIOR SURFACE	Ribbed
STANDARD SPRINGS	10,000 cycles
EXTERIOR COLOR	White
JOINT PROFILE	Tongue-and-groove

### WARRANTY

TERMS	One (1) year limited
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### OPTIONS

- Chain hoist operation
- Motor operation
- High cycle spring (25K, 50K, 100K)
- 3" track option
- Solid shafts
- Perimeter weatherseal
- Polystyrene insulation
- Broken cable devices
- Safety edges
- Safety photo eyes
- Special track designs
- Mullions

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

**Every component and feature on the Wayne Dalton Model C-20 Sectional Steel Door is designed, engineered, and constructed for durability and stability.**

Model C-20 features a unique 2" x 3" box-stile design, plus tongue-and-groove construction which adds vertical stability and strength. Stiles are continuously-bonded to the skin surface with high-strength adhesive, resulting in the strongest possible door. The surface is ribbed for even more strength. Independent tests show that Model C-20 Sectional Steel Doors are significantly stronger compared to leading competitors.

### MATERIALS AND CONSTRUCTION

Model C-20 Sectional Steel Doors feature pre-finished 20-gauge hot-dipped galvanized sections roll-formed to a full 2" thickness for ultimate strength and durability. Fully-fitted 3" wide boxed stiles are adhered with adhesive, preventing rust and leakage associated with rivets. The standard bottom door seal, along with optional seals on the perimeter and between sections, greatly reduce air leakage.

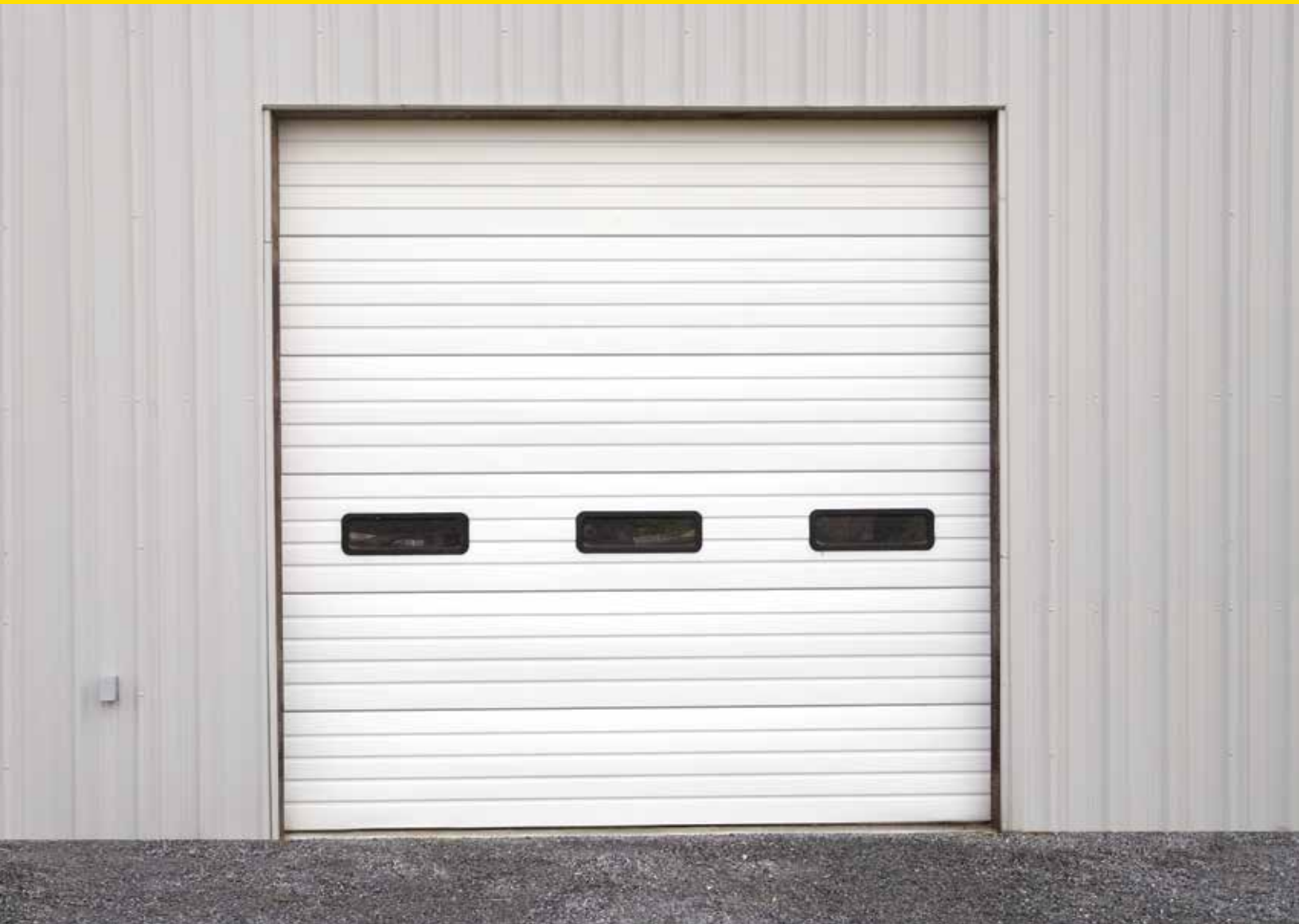
Additional options include insulation and weather stripping that provide a U-value of 0.13 and an R-value of 7.64; factory-installed vision lites or full-view sections; electric operator; and special engineering to meet wind load requirements.

Contact Wayne Dalton for additional sizes and colors.

Wind load options available



# SECTIONAL STEEL DOORS



## LITE OPTIONS

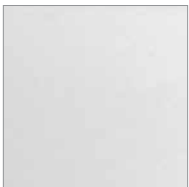


Vision lites



Full-view lites

## FINISH OPTION



White smooth

## 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"		

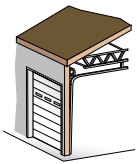
### NOTES:

- 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.
- Side-room of 8" required, one side, for doors with chain hoist.
- Headroom depends on drum size, and varies over the range listed. See approval drawing.

## PANEL/SECTION SELECTION GUIDE

DOOR WIDTH	NUMBER OF PANELS	DOOR HEIGHT	NUMBER OF SECTIONS
Up to 8'2"	2	Up to 8'1"	4
8'3" to 12'3"	3	8'8" to 10'1"	5
12'4" to 16'2"	4	10'5" to 12'1"	6
16'3" to 20'2"	5	12'2" to 14'1"	7
20'3" to 23'7"	6	14'2" to 16'1"	8
23'8" to 27'6"	7	16'2" to 18'1"	9
27'7" to 30'2"	8	18'2" to 20'1"	CALL FACTORY

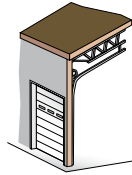
## TRACK SELECTION GUIDE



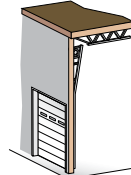
**STANDARD LIFT**



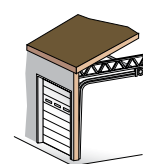
**HIGH LIFT**  
break-away is standard, straight incline is available



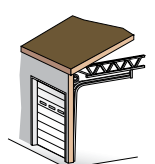
**ROOF PITCH**  
standard or high lift



**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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