

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 30' 2" WIDE AND 22' 1" HIGH

MODEL C-20

STANDARD FEATURES OVERVIEW

THERMAL EFFICIENCY

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

CONSTRUCTION

MAX WIDTH	30'2" (9205 mm)
MAX HEIGHT	22'01" (6736 mm)
EXTERIOR STEEL	20-gauge
EXTERIOR SURFACE	Ribbed
STANDARD SPRINGS	10,000 cycles
EXTERIOR COLOR	White
JOINT PROFILE	Tongue-and-groove
WARRANTY	(12) Month Limited

OPTIONS

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

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

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

It assures smooth, efficient operation and saves installation time and effort. The unique 2" x 3" box-stile design, plus tongue-and-groove construction, 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 Doors are significantly stronger compared to leading competitors.

MATERIALS AND CONSTRUCTION

Wayne Dalton's 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

Wayne Dalton Certified
windSAFE

SECTIONAL STEEL DOORS



LITE OPTIONS

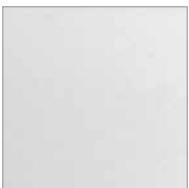


Full-view sections allow for maximum natural light and visibility.



Vision Lites allow for visibility while maintaining security.

COLOR AND FINISH OPTIONS



White Smooth Finish

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"		

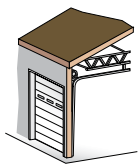
PANEL/SECTION SELECTION GUIDE

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

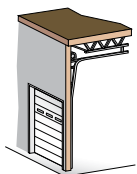
NOTES:

- 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.

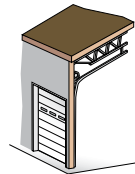
TRACK SELECTION GUIDE



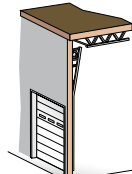
STANDARD LIFT



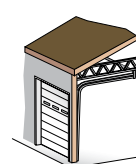
HIGH LIFT
break-away is standard, straight incline is available



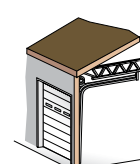
ROOF PITCH
standard or high lift



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



LOW HEADROOM
rear mount torsion



LOW HEADROOM
front mount torsion



Architect Resource Center

Go to 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.

Wayne Dalton
COMMERCIAL DOORS

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