

MODEL C-24

SECTIONAL STEEL DOORS



STRONG, VISUALLY APPEALING DOORS FOR MODERATE TO HEAVY-DUTY COMMERCIAL APPLICATIONS

Wayne Dalton's C-24 sectional steel doors are available in a wide variety of sizes and configurations. The design provides high strength at an excellent value.

Featuring 24-gauge ribbed steel sections and 20-gauge center and end stiles, Model C-24 is available with a number of lite and insulation options.

» 24-GAUGE STEEL CONSTRUCTION

» PROVEN STRENGTH AND DURABILITY

» STANDARD SIZES UP TO 30'2" WIDE AND 22'1" HIGH

MODEL C-24

STANDARD FEATURES OVERVIEW

THERMAL EFFICIENCY

R-VALUE*	7.6 (with optional insulation)
U-VALUE*	0.13 (with optional insulation)

CONSTRUCTION

MAX HEIGHT	22'1"
MAX WIDTH	30'2"
SECTION THICKNESS	2"
EXTERIOR STEEL	24-gauge
EXTERIOR SURFACE	Smooth, Ribbed
STANDARD SPRINGS	10,000 cycles
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
- Sensing edges
- Photo eyes
- Special track designs
- Mullions
- Simple Install System

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

Every component and feature on the Model C-24 Sectional Steel Door is designed, engineered, and constructed to enhance the building's architectural beauty.

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MATERIALS AND CONSTRUCTION

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 unit. The surface is ribbed for even more strength.

Wayne Dalton's C-24 sectional steel doors feature pre-finished 24-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. Standard bottom door seal along with optional seals on the perimeter and between sections greatly reduce air leakage, adding to the thermal efficiency of the building.

Additional options include insulation and weather stripping that provides an R-value of 7.6 and a U-value of 0.13; 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.

Note: Portland plant offers a white smooth finish only. Contact your customer service representative for availability to your location.

Wind load options available



SECTIONAL STEEL DOOR



LITE OPTIONS

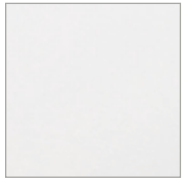


Vision lites



Full-view lites

FINISH OPTIONS



White



Brown

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:

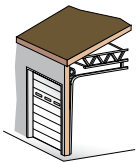
- For low headroom, springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed. See approval drawing.
- Side-room of 8" required, one side, for doors with chain hoist.
- Headroom depends on drum size, and varies over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

PANEL/SECTION SELECTION GUIDE

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

For larger sizes, see C20

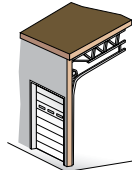
TRACK SELECTION GUIDE



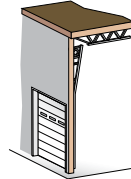
STANDARD LIFT



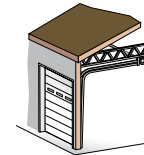
HIGH LIFT
break-away is standard, straight incline is available



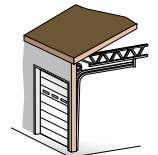
ROOF PITCH
standard or high lift



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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