

## MODEL CX-24

SECTIONAL STEEL DOORS



### **DURABILITY, STABILITY, AND STRENGTH FOR MODERATE TO HEAVY-DUTY COMMERCIAL APPLICATIONS**

Wayne Dalton's CX-24 Sectional Steel Doors are designed to provide high strength at an excellent value. With longevity and durability in mind Model CX-24 features 24-gauge ribbed steel sections and 20-gauge center and end stiles.

Model CX-24 is available with optional insulation as well as a number of sizes, configurations and colors.

» 24-GAUGE STEEL CONSTRUCTION

» PROVEN STRENGTH AND DURABILITY

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

# MODEL CX-24

## STANDARD FEATURES OVERVIEW

### THERMAL EFFICIENCY

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

### CONSTRUCTION

MAX WIDTH	30'2"
MAX HEIGHT	22'1"
SECTION THICKNESS	2"
EXTERIOR STEEL	24-gauge
EXTERIOR SURFACE	Smooth, Ribbed
STANDARD SPRINGS	10,000 cycles
EXTERIOR COLOR	White, Brown
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 Wayne Dalton Model CX-24 Sectional Steel Door is designed, engineered, and constructed for durability and stability.**

Wayne Dalton's Model CX-24 provides a highly efficient design for strength and longevity in demanding commercial settings. The CX-24 features 24-gauge ribbed steel sections available in a variety of sizes and configurations. At its core, the CX-24 incorporates tongue-and-groove construction with self-forming rivets clinched to face and rails for superior stability throughout the door. Both steel and Poly laminate backer choices are available to ensure the CX-24 is well suited for a wide-range of commercial applications. Optional insulation consists of 1-5/8" expanded polystyrene which provides an R-value\* of up to 7.64 and a U-value as low as 0.13.

### MATERIALS AND CONSTRUCTION

Model CX-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. 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, factory-installed vision lites or full-view sections, and electric operators.

Contact Wayne Dalton for additional sizes and colors.

# SECTIONAL STEEL DOORS



## LITE OPTIONS

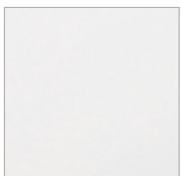


Vision lites

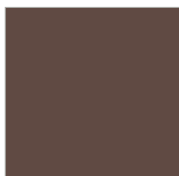


Full-view lites

## FINISH OPTIONS



White Smooth



Brown Smooth

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

## 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:

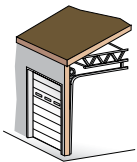
- For low headroom, springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed. See approval drawing.
- Side-room of 8" required, one side, for doors with chain hoist.
- Headroom depends on drum size, and varies over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

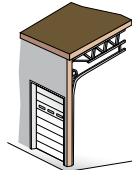
## TRACK SELECTION GUIDE



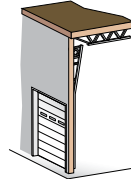
**STANDARD LIFT**



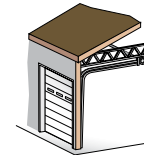
**HIGH LIFT**  
break-away is standard, straight incline is available



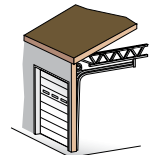
**ROOF PITCH**  
standard or high lift



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



**LOW HEADROOM**  
rear mount torsion



**LOW HEADROOM**  
front mount torsion



## Architect Resource Center

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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2501 S. State Hwy. 121 Bus., Ste 200  
Lewisville, TX 75067

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