

# MODEL CX-2400

SECTIONAL STEEL DOORS



## WHEN STRENGTH AND DURABILITY ARE CRITICAL ON MEDIUM DUTY COMMERCIAL APPLICATIONS

Wayne Dalton's CX-2400 Sectional Steel Doors provide strength, longevity, and durability at an excellent value.

Model CX-2400 features nominal 24-gauge ribbed steel sections in a variety of configurations including windows and color options.

- » NOMINAL 24-GAUGE STEEL CONSTRUCTION
- » STANDARD SIZES UP TO 20'2" WIDE AND 16'1" HIGH
- » DESIGNED FOR MEDIUM DUTY COMMERCIAL APPLICATIONS
- » TONGUE-AND-GROOVE JOINT PROFILE

# MODEL CX-2400

## STANDARD FEATURES OVERVIEW

### THERMAL EFFICIENCY

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

### CONSTRUCTION

MAX WIDTH	20'2" (6,157 mm)
MAX HEIGHT	16'1" (4,907 mm)
EXTERIOR STEEL	Nominal 24-gauge
EXTERIOR SURFACE	Smooth or stucco-embossed (both ribbed)
STANDARD SPRINGS	10,000 cycles
EXTERIOR COLOR	White, Brown
JOINT PROFILE	Tongue-and-groove

### WARRANTY

TERMS	Twelve (12) month limited
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### OPTIONS

- Vision lites
- Aluminum full-view sections
- Chain hoist operation
- Motor operation
- Sensing edges
- Photo eyes
- High cycle spring (25k, 50k, 100k)
- 3" track option
- Solid shafts
- Perimeter weatherseal
- Special track designs
- Mullions

### ADDITIONAL OPTIONS FOR COMMERCIAL SECTIONAL DOORS

**Simple Install System** - Wayne Dalton's track and hardware system provides for easy, one person installation. Components include: one-piece vertical lift track and simplified hardware.

**Impact Section** - Wayne Dalton's Impact Section is the perfect solution for doors exposed to damage from fork lifts and other warehouse traffic. Impact resistant composite skins surround an expanded polystyrene core. The Impact Section is adjustable to multiple door thicknesses.

\*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-2400 Sectional Steel Door is designed, engineered, and constructed for durability and stability.**

Wayne Dalton's Model CX-2400 provides a highly efficient design for strength and longevity in demanding commercial settings. The CX-2400 features nominal 24-gauge ribbed steel sections available in a variety of sizes and configurations. At its core, the CX-2400 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-2400 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-2400 Sectional Steel Doors feature pre-finished nominal 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

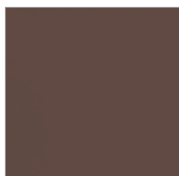


Full-view lites

## FINISH OPTIONS



White Smooth



Brown Smooth



White Stucco-Embossed



Brown Stucco-Embossed

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"		

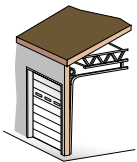
### NOTES:

- 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	MAXIMUM 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	10'4" to 12'1"	6
16'4" to 20'3"	5	5	12'4" to 14'1"	7
For Larger Sizes – See C-24			14'4" to 16'1"	8

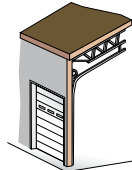
## TRACK SELECTION GUIDE



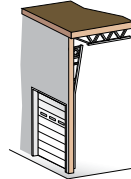
**STANDARD LIFT**



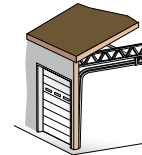
**HIGH LIFT**  
break-away is standard, straight incline is available



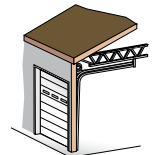
**ROOF PITCH**  
standard or high lift



**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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