Wayne Dalton™
COMMERCIAL DOORS

MODEL 220

SECTIONAL STEEL DOORS

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

Wayne Dalton's Model 220 Sectional Steel Door provides high impact resistance and industrial strength.

Offered in a wide variety of standard sizes, the Model 220 is available with 20-gauge ribbed or flush steel surface. A range of lite and insulation options are also available.

- 20-GAUGE STEEL CONSTRUCTION
- STANDARD SIZES UP TO 22'1" HIGH AND 30'2" WIDE
- SUPERIOR STRENGTH AND DURABILITY
- RIBBED OR FLUSH EXTERIOR SURFACE

MODEL 220

STANDARD FEATURES OVERVIEW

THERMAL EFFICIENCY

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

CONSTRUCTION

MAX HEIGHT	22'01"
MAX WIDTH	30'02"
EXTERIOR STEEL	20-gauge
EXTERIOR SURFACE	Smooth, Ribbed
STANDARD SPRINGS	10,000 cycles
EXTERIOR COLOR	White
JOINT PROFILE	Shiplap
EXTERIOR COLOR	White

WARRANTY

TERMS	One (1) year limited

OPTIONS

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

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

Wayne Dalton's Model 220 Sectional Steel Door is designed for strength and durability.

Available with a ribbed or flush 20-gauge hot-dipped, galvanized steel exterior surface, Model 220 comes in sizes up to 480 sq. ft.

MATERIALS AND CONSTRUCTION

The Model 220 door uses C-shaped 20-gauge center and 16-gauge end stiles which are formed of galvanized steel with prelocated, extruded holes for rapid hinge attachment. Optional 16-gauge center stiles are also available.

Bottom sections feature a flexible bulb-shaped vinyl astragal held in place by a continuous roll-formed steel retainer that reinforces the lower portion of the door at the same time.

Additional options include top head seal, joint seals and jamb seals. Optional insulation, consisting of 1-5/16" expanded polystyrene and covered with .015" minimum embossed pre-painted white steel provides an R-value of up to 7.64 and a U-value as low as 0.13. Lite options include insulated or non-insulated factory-glazed lites or complete aluminum full-view sections for maximum visibility.

Contact Wayne Dalton for additional sizes and colors.

FINISH OPTION

White smooth

Wind load options available

Wayne Dalton Certified windSAFE

SECTIONAL STEEL DOORS

LITE OPTIONS

Vision lites

Insulated lites allow for visibility while maintaining security.

Full-view lites

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

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"				Opening Height -Lift +30"	Opening Height +Lift +6.5"	Opening Height +Lift +7.5"
High Lift Motor Oper.			24" One Side				
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	NUMBER OF LITES
Up to 9'2"	2	2
9'3" to 12'2"	3	3
12'3" to 16'2"	4	4
16'3" to 19'2"	5	5
19'3" to 24'2"	6	6
24'3" and up	Call Factory	

DOOR HEIGHT	NUMBER OF SECTIONS
Up to 8'1"	4
8'2" thru 10'1"	5
10'2" to 12'1"	6
12'2" to 14'1"	7
14'2" to 16'1"	8
16'2" and Up	Call Factory

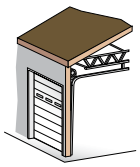
NOTES:

1) 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 drawings.

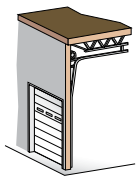
2) Side-room of 8" required, one side, for doors with chain hoist.

3) Headroom depends on drum size, and varies over the range listed. See approval drawings.

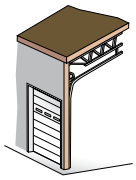
TRACK SELECTION GUIDE



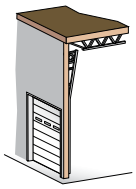
STANDARD LIFT



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** 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.

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