

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 22'1" HIGH AND 30'2" WIDE

MODEL C-20

STANDARD FEATURES OVERVIEW

THERMAL EFFICIENCY

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

CONSTRUCTION

| | |
|------------------|-------------------|
| MAX HEIGHT | 22'1" (6,736 mm) |
| MAX WIDTH | 30'2" (9,205 mm) |
| EXTERIOR STEEL | 20-gauge |
| EXTERIOR SURFACE | Ribbed |
| STANDARD SPRINGS | 10,000 cycles |
| EXTERIOR COLOR | White |
| JOINT PROFILE | Tongue-and-groove |

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
- Polystyrene insulation
- Broken cable devices
- Safety edges
- Safety photo eyes
- Special track designs
- Mullions

*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 C-20 Sectional Steel Door is designed, engineered, and constructed for durability and stability.

Model C-20 features a unique 2" x 3" box-stile design, plus tongue-and-groove construction which 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 Steel Doors are significantly stronger compared to leading competitors.

MATERIALS AND CONSTRUCTION

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.

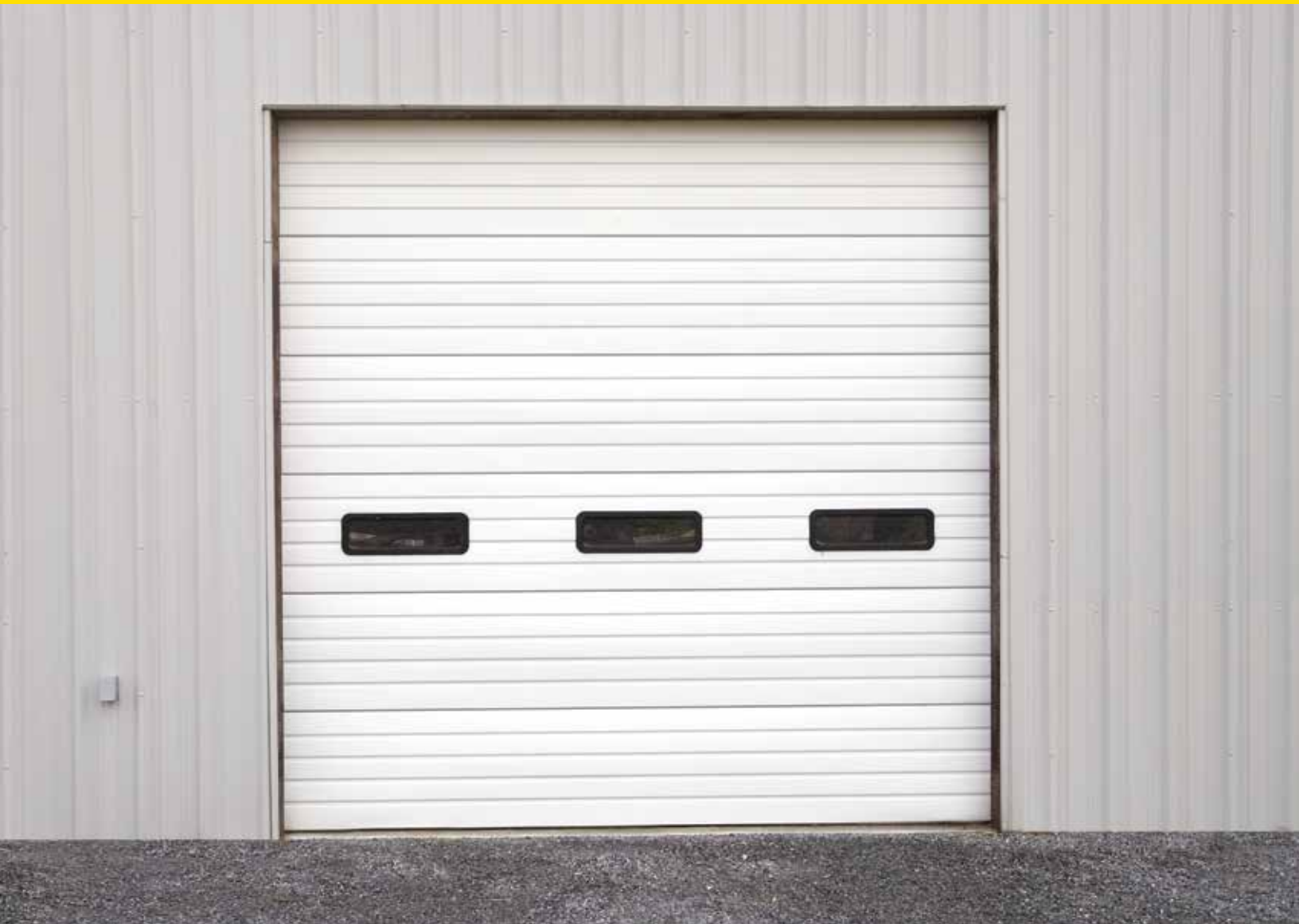
Additional options include insulation and weather stripping that provide a U-value of 0.13 and an R-value of 7.64; factory-installed vision lites or full-view sections; electric operator; and special engineering to meet wind load requirements.

Contact Wayne Dalton for additional sizes and colors.

Wind load options available



SECTIONAL STEEL DOORS



LITE OPTIONS

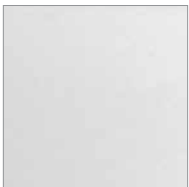


Vision lites



Full-view lites

FINISH OPTION



White smooth

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" | | |

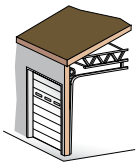
NOTES:

- 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 | 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 |

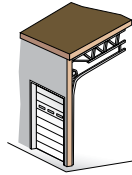
TRACK SELECTION GUIDE



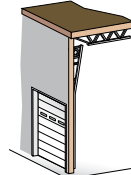
STANDARD LIFT



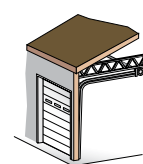
HIGH LIFT
break-away is standard, straight incline is available



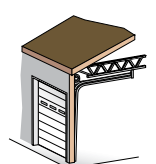
ROOF PITCH
standard or high lift



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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